

# PRODUCT OVERVIEW

**Forbo Flooring**  
Products 2017





**Forbo Flooring Systems**  
Product Portfolio 2017

creating better environments

**forbo**  
FLOORING SYSTEMS



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# FORBO FLOORING SYSTEMS, RESPONSIBLE MARKET LEADER

**Assendelft,  
Netherlands**



**Coevorden,  
Netherlands**



**Giubiasco,  
Switzerland**



**Kaluga,  
Russia**



**Kirkcaldy,  
Scotland**



**Reims,  
France**



**Krommenie,  
Netherlands**



**Cortonwood,  
United Kingdom**



**Bamber Bridge,  
United Kingdom**



**Ripley,  
United Kingdom**



**Telford,  
United Kingdom**



**Chateau Renault,  
France**



Forbo Flooring Systems is a global market player in Linoleum, project vinyl, carpet tiles, Flotex flocked flooring, Coral entrance systems and vinyl floor coverings. In addition to floor coverings, Forbo develops, manufactures and markets a full range of professional service products. All Forbo products combine high levels of functionality and durability. Forbo Flooring Systems is committed to environmentally responsible production and to far-reaching customer service. Forbo Flooring is part of the Swiss Forbo Group and owns twenty manufacturing plants and branches in 32 countries worldwide.





# OUR MILESTONES

## 1928

Three linoleum manufacturers – German, Swedish and Swiss – form the Continentale Linoleum Union.

## 1950 – 1973

Diversification into related products such as carpets and vinyl flooring.

## 1973 and 1974

Adhesives activities hived off from linoleum business to be developed independently.

Continentale Linoleum Union is renamed Forbo to reflect the wider portfolio of activities.

## 1975 – 1994

Forbo evolves into a worldwide group operating on five continents: acquisition of a flooring business in Britain; diversification into wall-coverings and high-pressure laminates.

## 1994

Acquisition of Siegling, specializing in process and conveyor belt systems.

## 1996 – 1998

Divestment of wall-coverings and laminates activities.

## 2000 and 2001

New strategy focusing on four divisions: Linoleum, Vinyl, Belting and Adhesives. Divestment of industrial activities, including extruded profiles, decorative products and coated textiles. Carpet business spun off in management buyout. A series of minor acquisitions to strengthen Adhesives business.

## 2000 – 2003

Adhesives gains world stature by acquiring Swift, operating worldwide from the USA, Europe and Asia. Belting business expands in Britain. Linoleum and Vinyl merged to create Forbo Flooring. Now three strategic businesses: Flooring, Adhesives and Belting.

## 2004 – 2006

Strategic focus on three core divisions reaffirmed. Restructuring and measures to raise profitability. Acquisition of Chinese adhesives manufacturer specialized in hot-melt and water-based adhesives.

## 2007

New branding and growth strategy; three core divisions – flooring, adhesives and belting – renamed Flooring Systems, Bonding Systems and Movement Systems, operating under the Forbo brand with an integrated business strategy.

## 2008

Acquisition of Bonar Floors, a major European flooring manufacturer in the contract flooring sector. With this, Flooring Systems strengthens its leading position as a systems provider of resilient flooring solutions in the commercial market.

Forbo acquires the lightweight PVC conveyor belting business from Fenner Dunlop (Charlotte) Inc. North America as a further step to strengthen its Movement Systems division.

## 2012

Focus on leading market positions through the sale of the industrial adhesives activity, including synthetic polymers, which belonged to the Bonding Systems division.

## 2013

Forbo Eurocol Krommenie (NL), Erfurt (DE) and Stroitec (RU) Building & Construction adhesives join the Forbo Flooring Systems organization.

## 2014

Forbo Flooring Systems launches full Marmoleum modular program in plank and tile formats.

## 2016

Introduction of in-house manufactured homogeneous vinyl using the latest insights and technology from a state of the art zero waste greenfield factory in Coevorden, The Netherlands.





# FLOORING SYSTEMS & THE ENVIRONMENT

## Life Cycle Assessment

Forbo uses Life Cycle Assessment (LCA) as the independent methodology of measuring our impact on the environment. Standardized within ISO 14040, Life Cycle Assessment (LCA) is defined as a compilation and evaluation of the inputs and outputs and the potential environmental impacts of a product system throughout its life cycle, a cradle-to-grave-approach. Measurement against the specific impact categories focuses on efforts for reduction; it is the basis for Forbo's green development and our overall performance. The LCA is calculated for 1m2 installed floor covering from cradle to installation. We base our LCA calculation on the weighted mass of all the products we produce and also include the energy consumption of all our offices and warehouse worldwide.

## Environmental Product Declarations (EPD's)

Forbo Flooring Systems has published Environmental Product Declarations for all of its individual floor covering products. An EPD presents quantified environmental data for a product, based on information from a life cycle assessment (LCA). An EPD is a report verified by the European Resilient Flooring Manufacturers Institute (ERFMI) that summarises and explains the data generated from an LCA.

## Green design principles

We conscientiously apply green design principles to all our products and processes. In order to live up to our promise to reduce our environmental footprint by 25% in 2015, all our collections are engineered and designed to commit to this goal.

A project where we achieved a reduction of 23.1% and reduction of 23.1%. At the same time Forbo Flooring Systems' contribution to the global warming potential expressed in CO2 equivalents is reduced by 37,7%. The project continues globally on annually set targets.

## Reduce, Renewable, Reuse, Recycle

The key to our success in implementing our environmental policies lies in the application of our "4 R's" : Reduce, Renewable, Reuse, Recycle. A number of initiatives have been rolled out across the business, and it is our commitment to continuing and improving ourselves to achieve our environmental aims.

**Reduce:** energy, landfill, raw material consumption

**Renewable:** electricity, natural & sustainable raw materials

**Reuse:** production waste across all sites

**Recycle:** product and sampling take back schemes

## Forbo way to win

Forbo's internal awareness programme. In 2010 we rolled out our internal awareness programme - The Forbo Way to Win. We used this to introduce our sustainability policy and strengthen our employee's engagement by providing a platform for them to contribute to our efforts in reducing energy consumption, the use of raw materials and waste. We also asked them to look as ways of increasing recycling.

## Realized examples of Forbo Way To Win

The programme generated over 1700 ideas, resulting in 600 possible projects, some of which have already been successfully implemented.

- Rewinding yarn ends and reuse in producing Tessera carpet tiles.
- Reduce the need of water to produce steam the Flotex production.
- Use different pre-cut lengths of paper for the backing machine.
- Elimination of the cardboard cores in the jumbo rolls of Flotex.

"Our target is to continuously minimise the environmental impact of Forbo Flooring Systems as measured by the weighted categories in our independently verified Life Cycle Assessment measurement system by 25% before the end of 2015 (cf2009)"



# FORBO FOUND EVERYWHERE

Flooring Systems' floor coverings are to be found in a wide variety of buildings. In hospitals, schools, retail, offices, industry, in every space is another floor solution. For all these areas we have a suitable floor that meets all the requirements and conditions to create the right atmosphere, ambience and comfort. You can find us in ...

## Commercial Offices

When it comes to refurbishing commercial properties, we know you need flooring. You probably are looking for a flooring design that will set your property apart or need a solution to cover the whole of your building. Our portfolio will make it easy to select the ideal floor covering to meet your needs.

## Healthcare

With millions of square metres of our floor coverings installed in healthcare establishments, we are at the forefront when it comes to understanding the needs and concerns of the health.



## Education

From nurseries to universities, educational establishments demand attractive, hardwearing, low maintenance safe and sustainable flooring solutions. Durability and hygiene are important in areas used by children and young adults.

## Retail, leisure & hospitality

An experience in any retail, leisure & hospitality environment is about more than just the products you can buy or experience. Creating the perfect environment in which your customers feel relaxed and comfortable is key. From the first impression as they enter, to the ease of navigation, our portfolio of products makes it easy to select the perfect flooring to set the tone in your store, hotel or leisure environment.

## Industry

Forbo stands for guaranteed performance in all kinds of industrial environments, from electronic and pharmaceutical production areas to laboratories. We offer a complete range of products with antistatic, acoustic, conductive, water-resistant, slip-resistant, bacteriostatic and bactericidal properties.

## Transport

Forbo offers a variety of floor covering solutions for the transport industry. All are fully certified and combine durability, excellent fire resistant properties and a wide variety of designs and colours.



## Application possibilities for Forbo Flooring

Application areas	Linoleum	Projectvinyl incl. LVT	Carpet tiles and Needlefelt			Flotex	Entrance flooring
			Tessera	Westbond	Needlefelt		
Hospital	...	...	•		•	•	...
Private clinic	...	...	•		•	•	...
Rehabilitation center	...	...	•		•	•	...
Medical practice	...	...	•		•	•	...
Elderly care	...	...	•	•	•	•	...
Education	...	•	•		•	•	...
Day care	...	•			•	•	...
Sports	...						...
Fitness center	•		•		•	•	...
Offices	•	•	•	•	•	•	...
Bank	•	•	•	•	•	•	...
Hotel	•	•	•	•	•	•	...
Restaurant	•	•	•		•	•	...
Leisure & Hospitality	•	•	•	•	•	•	...
Retail	•	•	•	•	•	•	...
Industry	•	•					...
Transport	•	•			•	•	...

... Recommended

•• Very suitable

• Suitable





# FORBO FLOORING SYSTEMS: COMMITTED TO THE HEALTH OF ONE

In today's world more than half of the global population is living in urbanized areas. Here we consume more than two thirds of the world's energy and use more than 80% of all its resources. Cities create over 70% of all CO<sup>2</sup> emissions and create billions of tons of waste. As Forbo, we are part of the urbanized society and as we are spending more than 80 to 90% of our time indoors we feel it is our responsibility to contribute to a better indoor environment and on top of that a better world to live in.

We do this by focusing on creating products that make a positive contribution to everyone health, safety and well-being. We run our plants on green energy, we manufacture products that are made from renewable natural resources and we act responsible in using the latest techniques and insight in constructing our products. Earth Day mean, standing with both your feet on the ground and creating the best solutions going forward. At Forbo Flooring systems we are used to do this, that is why Flooring Systems from Forbo are tomorrows responsible choice



**COMMITTED  
TO THE HEALTH  
OF ONE**  
[WWW.FORBO-FLOORING.COM/CHO](http://WWW.FORBO-FLOORING.COM/CHO)



# THE FLOOR COVERINGS OF **FORBO FLOORING SYSTEMS**

Forbo Flooring Systems offers solutions for every conceivable application.

Our high quality Linoleum-, Project Vinyl, Carpet tiles, Needlefelt, Flotex and Entrance Flooring systems combine functionality and design.

We offer a full range solution for each application available.

## LINOLEUM

A Natural Winner! Our linoleum products with the Forbo Marmoleum brand are natural floors associated with sustainability, durability, high quality and innovative design. Our Linoleum range includes solutions for virtually any type of application. Discover the versatile world of Linoleum with over 300 colours and more than 12 different structures to choose from, available in sheet and modular tile formats.

## PROJECT VINYL

Forbo's project vinyl floors can be used wherever people work, learn, play or go about their daily business. Design, slip resistancy, acoustic comfort, easy maintenance and durability are a key consideration of our project vinyl floors. Our project vinyl offer is available in both sheet and tiles and contains a wide range of wood designs, all over designs, stone and metals. Suitable for professional environments in healthcare, schools, office and retail.

## FLOTEX FLOCKED FLOORING

Flotex combines the practicality of a resilient flooring with the slip resistant and acoustic properties usually associated with textiles. Flotex is strong and hygienic, and, being completely waterproof, Flotex is also the only truly washable textile floor covering.

## CARPET TILES AND NEEDLEFELT

Carpet tiles are renowned for their aesthetic styling and outstanding performance in the most demanding heavy traffic environments. We offer a wide portfolio of carpet tile ranges, providing an extensive choice of design, colour, installation options and price points. The robust, hard-wearing properties of Needlefelt make it ideal for installations that meet high traffic or in those areas where chairs with castors are likely to be in use, such as in offices, administrative premises and retail establishments.

## ENTRANCE FLOORING

Entrance flooring is fundamental to modern building design: Preventing walk in grit, dirt, dust and moist, minimizing maintenance costs, protecting a building's flooring and environment from pollutants and dirt.



# LINOLEUM





# TAKE A LOOK INTO THE FASCINATING WORLD OF COLOUR AND DESIGN

**Marmoleum was created to complement and enhance the architecture interiors of tomorrow's buildings and construction.**

**Healthy flooring solutions inspired by nature that live up to their performance promise. Create a better environment. Choose a Marmoleum floor. Creating a new perspective.**

Forbo Marmoleum stands for versatility, sustainability and durability. It combines ecological and economic values that help bring modern and contemporary architecture to life.

Marmoleum is a natural floor, created from all natural ingredients. It is the most sustainable floor in the resilient flooring category.

All Marmoleum floors include Topshield2, a double UV cured finish delivering floor performance in the real world, that result in the lowest cost of ownership over its life time.

The stereotype of traditional beige and grey marbled linoleum designs is in the past. Our collections offer a wide choice in colour and design with rich, warm, refined and contemporary looks. Marmoleum has been transformed for the modern office and retail environments.

Marmoleum is available in both sheet and tile with matching colours and designs for easy mix and match. Some designs have an additional texture to bring the floor alive and follow the trend of tactility. With our modular marmoleum tiles and planks you can play to create your own floor design.



# SUSTAINABLE & DURABLE

With its 'all-natural ingredients', Marmoleum floor covering is almost like creating a floor covering with nutrients. As a matter of fact, the process of making Marmoleum is not unlike to that of preparing an oven-baked apple pie.

What makes Marmoleum special is that it is created entirely from raw materials obtained from their natural habitat right where they grow and renew, often in just 12 months time.

Jute and flax are annual crops that can be harvested just like wheat or corn. Extracting rosin is a continuous process, while wood flour, a waste material from the timber industry, is derived from European production forests. Limestone is available in abundance.

With Marmoleum, the simple, natural ingredient combination that creates the product. Marmoleum has no other additives to make it look better, no supplements to enhance its green profile and no artificial ingredients to improve stability or flexibility. Marmoleum is what it is and nothing else.

All this makes Marmoleum a natural floor that, after a long 30-plus year life cycle, can start all over again. Marmoleum can be scrapped, since it's biodegrade. Alternatively, burning Marmoleum delivers a higher caloric value and creates thermal energy that outweighs the energy used during production. This demonstrates the full life cycle circle from which nature benefits.



MADE FROM 97%  
NATURAL RAW  
MATERIALS OF WHICH  
70% IS RENEWABLE  
AND 43% IS  
CHARACTERIZED  
AS COMING FROM  
RECYCLED MATERIALS



## TOPSHIELD2, FOR FLOOR PERFORMANCE IN THE REAL WORLD

**The reality of day-to-day life for a floor covering is that it encounters both use and abuse without being able to balance its performance with prescribed cleaning and maintenance regimes. That means cleaning and maintenance is not always carried out exactly 'on time' or in the way prescribed by the manufacturer. The real world requires foolproof solutions.**

Forbo Marmoleum is known for its track record in heavy-traffic environments such as schools, health care, offices and public buildings. In these applications, everyday use is characterised by high demands on hygiene, resistance to wear and the need for easy cleaning and maintenance. Dirt and sand carried into the building, hand disinfectant spills and the reality of the pressure of the economy on cleaning and maintenance regimes mean that floors today have to endure and withstand use and abuse to an even higher degree than before.

Topshield2 has been designed to ensure that Marmoleum meets the demands of everyday use, is even more resistant to dirt pick-up and less prone to wear with improved resistance to

scratches and stains to create a floor that gives you lasting performance over time.

Topshield2 provides you with a floor covering that:

- Is naturally bacteriostatic
- Resistant to hand disinfectants
- Has excellent stain resistance
- Is efficient, easy to clean and quick drying
- Soils less and picks up less dirt
- Has improved scratch resistance
- Is easy to maintain
- Can be renovated





# AUTHENTIC & VERSATILE

**The lowest cost of ownership**

Marmoleum has a long and proud heritage. Whether looking for a traditional or more modern design, in sheet or tile, Marmoleum is used in a variety of application areas ranging from hospitals and schools to airports and designer shops. No matter the application, Marmoleum is versatile and has the proven lowest cost of ownership.

# SUSTAINABLE & DURABLE

**The most sustainable resilient floor**

Created from natural, renewable raw materials, one could say that as long as the sun shines and the rain falls we can continue to make Marmoleum. There are no phalates, plasticisers and no mineral oil in Marmoleum. It has in fact, 97% natural raw materials, 72% rapidly renewable and a 43% recycled content. Combine this with long cleaning and maintenance intervals, and there is no doubt that Marmoleum is the most sustainable resilient floor, bar none.

# DESIGN & COLOUR

**Designed to let you create the ultimate flooring**

The breadth of our colour choice is vast. No other flooring collection offers you so many choices. Our marbled range includes exciting brights & bolds, while our solid range offers a wide range of neutral colourways. Our linear range makes a strong design statement while the patterned range includes both monochromatic tones and more outspoken colours for playful combinations. The modular range open the door to play with planks and tiles while the texture added to some ranges brings the floor to live.



# LIFE CYCLE ASSESSMENT & ENVIRONMENTAL PRODUCT DECLARATIONS

**We believe an open, honest and transparent approach to demonstrating a sustainable attitude is the only way to show the credits we attribute to our products and processes. Life Cycle Assessment (LCA) is a methodology we use to determine and measure the impact on the environment of any product during its creation, use and what remains when a product reaches its end of life by measuring a set number of impact categories.**

**The Environmental Product Declaration (EPD) is the outcome of the LCA, which is published in a 3rd party, verified report on a particular product. The EPD for Marmoleum verifies our claims and gives transparent insights into our test results and measurements.**

**Environmental Stewardship**

Marmoleum is manufactured in a state-of-the-art environment where the traditional manufacturing process has been automated in efficient production lines that are run entirely on green energy. At Forbo, we actively steer our processes toward continuous improvement, maximising the use of recycled content in our Marmoleum and working with green design principles whenever new designs or structures are developed.

**Marmoleum installation waste take- back schemes**

With Forbo's 'Back To The Floor' scheme, installation off-cuts and waste are collected and returned to our factory for reprocessing into new Marmoleum products. On a smaller

scale, in our sampling, we take the same approach. This way, we can do our best to assure full-circle recycling even at points where our product reaches customers.

**Labels and Certification, recognition that goes a long way**

Marmoleum is among the most certified and environmentally sound floor covering. We value all our labels, whether it's the internationally recognised Swan label, the Blue Angel certification, the North American Sequoia Seal or more specific labels like Nature Plus or the Austrian environmental label. Next to labels and certification, Marmoleum brings real benefits when measured against BRE or LEED certifications. Here, using a Marmoleum floor helps you in the overall rating of your building.







3638 - 5247

## LINOLEUM

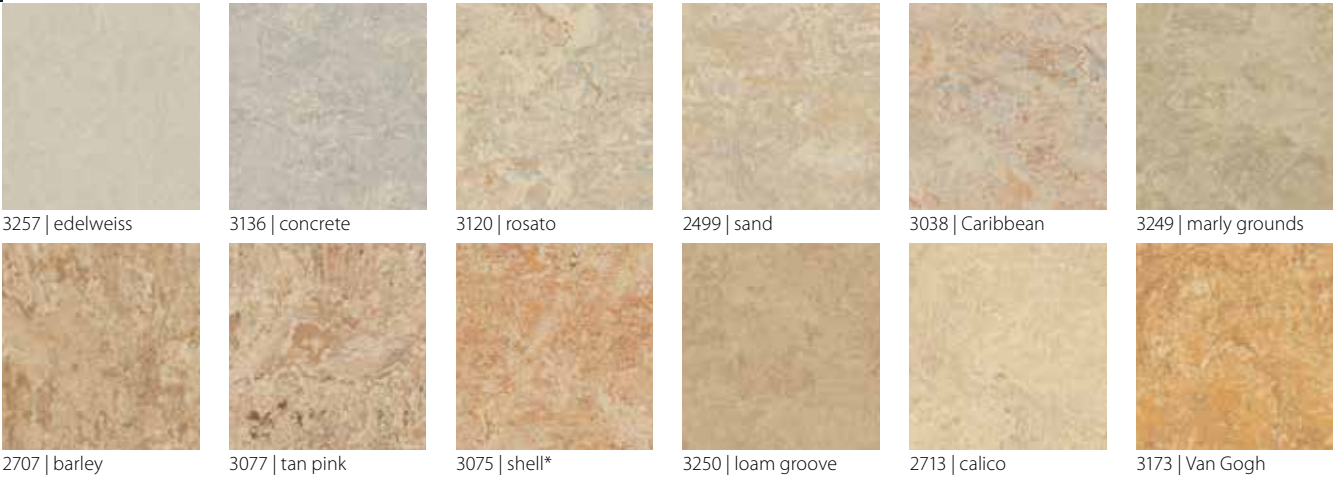
- 29 72 **marmoleum® sport**  
For use in sports facilities Forbo specially developed Marmoleum Sport.
- 29 78 **furniture linoleum**  
A linoleum surfacing material which has a multitude of applications providing a functional finish to walls, furniture, door panels and cupboards.
- 29 83 **bulletin board**  
A linoleum surfacing material that is ideal for use on notice- and pin-boards.
- 30 **marmoleum® marbled**  
The marbled collection is presented in a vast array of colours, combining stronger and subtler marbled patterns together.
- 34 **marmoleum® solid**  
The secret spirit of this collection lies in colour nuances and subtleness. With reference to classic, heritage colours, a conceptual range of (almost) uni colours has been created.
- 44 **marmoleum® patterned**  
This collection is a dialogue between the easily understood statement of the black, grey and white Graphics and the subtle, two-tone speckled pattern of Piano.
- 46 **marmoleum® linear**  
Linearity is a modern and outspoken trend which we refined and brought up to the colour spectrum of the 21st century. Some colour references are offered with a textured top layer to enhance the tactility of the floor.
- 51 **marmoleum® acoustic**  
Marmoleum Acoustic is a twin-layered Marmoleum designed to achieve 14dB impact sound reduction.
- 52 **marmoleum® ohmex**  
Marmoleum Ohmex is a special type of Marmoleum with enhanced electrical properties.
- 56 **marmoleum® modular**  
Our Marmoleum Modular tile collection takes linoleum out of its traditional environment. With a range of planks and tiles in different formats you can play endlessly to create the ultimate floor design.
- 72 **marmoleum® click**  
Marmoleum Click presents a collection of easy to install Marmoleum panels made of HDF board with 2.5 mm Marmoleum on top and a sound absorbing cork backing.
- 78 **marmoleum® sport**  
For use in sports facilities Forbo specially developed Marmoleum Sport.
- 84 **furniture linoleum**  
A linoleum surfacing material which has a multitude of applications providing a functional finish to walls, furniture, door panels and cupboards.
- 89 **bulletin board**  
A linoleum surfacing material that is ideal for use on notice- and pin-boards.





3030 | 3247 | 3173 | 3226

Around the world in 90 colours – Marmoleum marbled collection. Each design reference is developed from a mix of three to eight pure base colours, blended together to create unique marbled structures that give Marmoleum its natural authenticity. The colour palette is an all encompassing spectrum of classic rich warm tones, cool neutral colours complemented by daring and vivid colourways to create a collection that is our most versatile offer yet.



3257 | edelweiss    3136 | concrete    3120 | rosato    2499 | sand    3038 | Caribbean    3249 | marly grounds  
2707 | barley    3077 | tan pink    3075 | shell\*    3250 | loam groove    2713 | calico    3173 | Van Gogh

\* also available in 3.2 mm    \*\* also available in 3.2 mm and 4.0 mm    Matching multi coloured and solid coloured welding rods are available in all collection colours.  
All colours available in 2.0 and 2.5 mm, unless otherwise indicated.

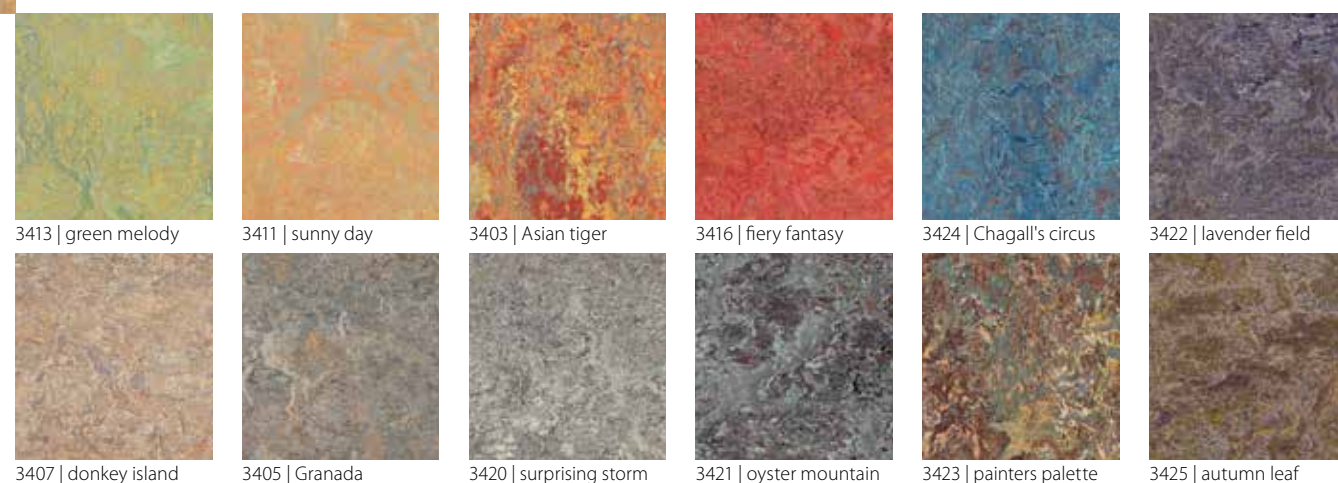


2767 | rust    3174 | Sahara    3226 | marigold    3125 | golden sunset    3225 | dandelion    3251 | lemon zest  
3203 | henna    3127 | Bleeckerstreet    3131 | scarlet    3126 | Kyoto    3243 | stucco rosso    3241 | orange sorbet  
3242 | adriatica    3255 | pine forest    3239 | olive green    3247 | green    3224 | chartreuse    3240 | willow  
3218 | deep ocean    3030 | blue    3205 | lapis lazuli    3055 | fresco blue\*\*    3219 | spa    3238 | laguna  
3244 | purple    3245 | summer pudding    3221 | hyacinth    3123 | arabesque    3053 | dove blue    3141 | Himalaya  
3233 | shitake    3254 | clay    3246 | shrike    3252 | sparrow    3232 | horse roan    3234 | forest ground  
3137 | slate grey    2629 | eiger    3146 | serene grey\*    3216 | moraine    2621 | dove grey    3032 | mist grey  
2939 | black    3236 | dark bistre    3248 | mammoth    3139 | lava    3048 | graphite

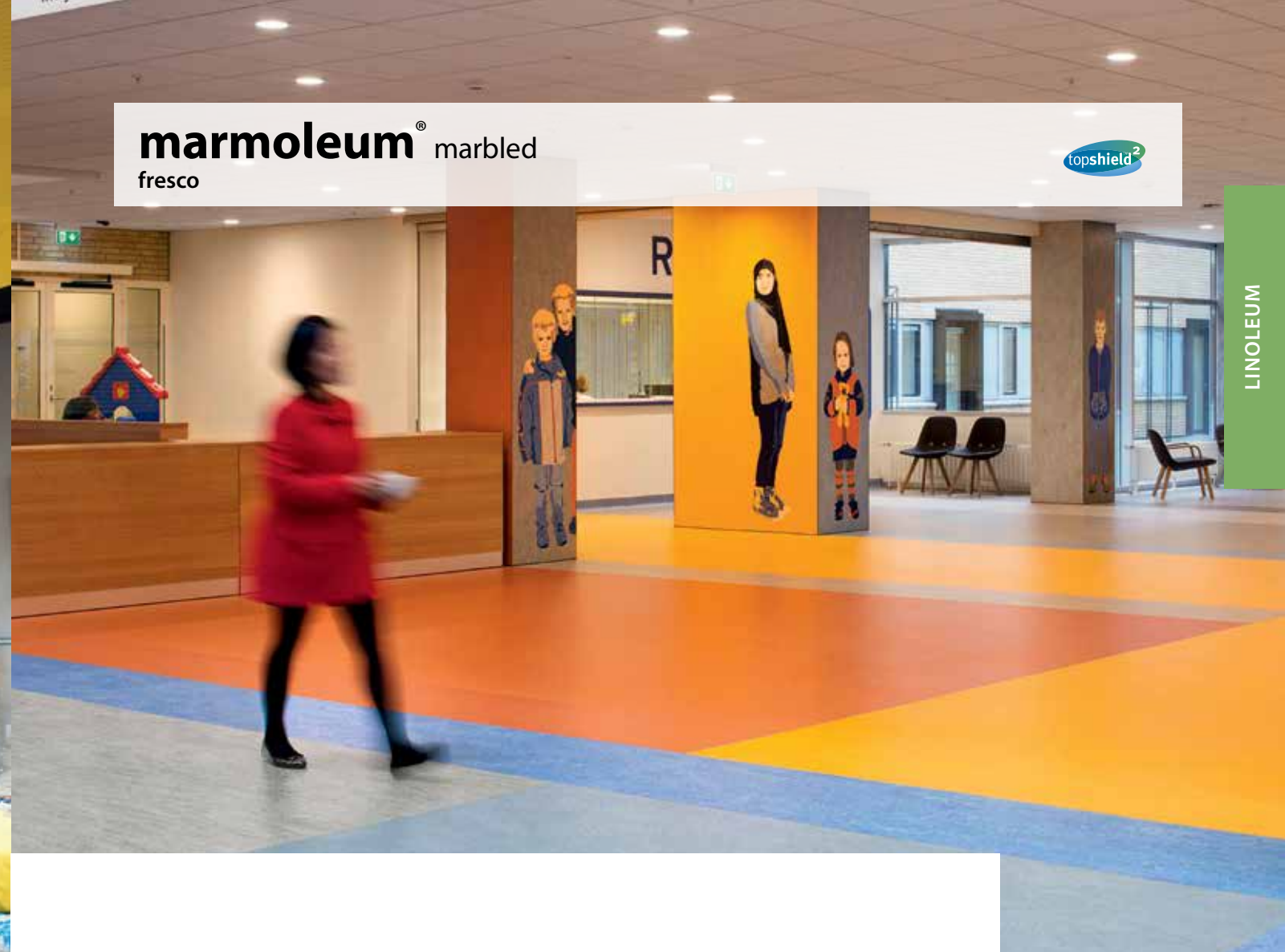




3403



3413 | green melody   3411 | sunny day   3403 | Asian tiger   3416 | fiery fantasy   3424 | Chagall's circus   3422 | lavender field  
3407 | donkey island   3405 | Granada   3420 | surprising storm   3421 | oyster mountain   3423 | painters palette   3425 | autumn leaf



3860 | silver shadow   3858 | Barbados   3846 | natural corn   3881 | green wellness   3886 | mother of pearl  
3883 | moonstone   3871 | silver birch   3847 | golden saffron   3885 | spring buds   3861 | Arabian pearl  
3866 | eternity   3876 | camel   3825 | African desert\*   3882 | relaxing lagoon   3828 | blue heaven  
3872 | volcanic ash   3874 | walnut   3870 | red copper   3884 | frost

\* also available in 3.2 mm  
Matching multi coloured and solid coloured welding  
rods are available in all collection colours. All colours  
available in 2.0 and 2.5 mm, unless otherwise indicated.



# MAROLEUM SOLID

## PRESENTING THE PURE NATURE OF LINOLEUM

Forbo proudly introduces Marmoleum Solid, a collection of 5 individual textures that provide the foundation for creating pure distinctive modern spaces. The Solid collection combines an attractive contemporary appearance with an unrivalled versatility that will bring integrity to any space.

### PURE DESIGN

- Original and exciting designs with a sense of texture and tactility
- Extensive colour palette fitting the trend for neutral, solid colour experiences
- Designed to combine beautifully with interior finish materials such as wood, glass and metal

### PURE MATERIAL

- Made from natural raw materials including linseed oil and wood flour
- Using modern recycled materials as cocoa shells to create an innovative product which is both relevant and authentic
- Co-created with nature; CO2 neutral and PVC free

### PURE EMOTION

- A versatile, authentic floor covering with a long and proud heritage that has a durable and sustainable relevance which is more pertinent than ever
- The deep colour tones and characteristic design elements connect easy with any interior
- It conveys the right first impression and contributes in creating an environment people feel comfortable in.



marmoleum® solid  
cocoa



3584 | 3581 | 3370



3584 - 358435 dB

white chocolate



earl grey chocolate



3582 - 358235 dB

milk chocolate



3580 - 358035 dB

dark chocolate



3581 - 358135 dB

chocolate blues

3583 - 358335 dB

marmoleum® solid  
walton



171



black



123 - 12335 dB

grey iron



3582 - 358235 dB

lead



186 - 18635 dB

cement



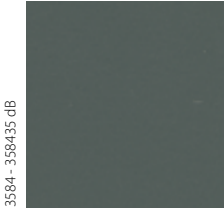
171 - 17135 dB

titanium

3369 - 336935 dB



alloy



3584 - 358435 dB

paving



173 - 17335 dB

rosemary green



3355 - 335535 dB

bottle green



3359 - 335935 dB

eggplant purple

3353 - 335335 dB



terracotta



3370 - 337035 dB

Berlin red



3352 - 335235 dB

vintage blue



3360 - 336035 dB

petrol

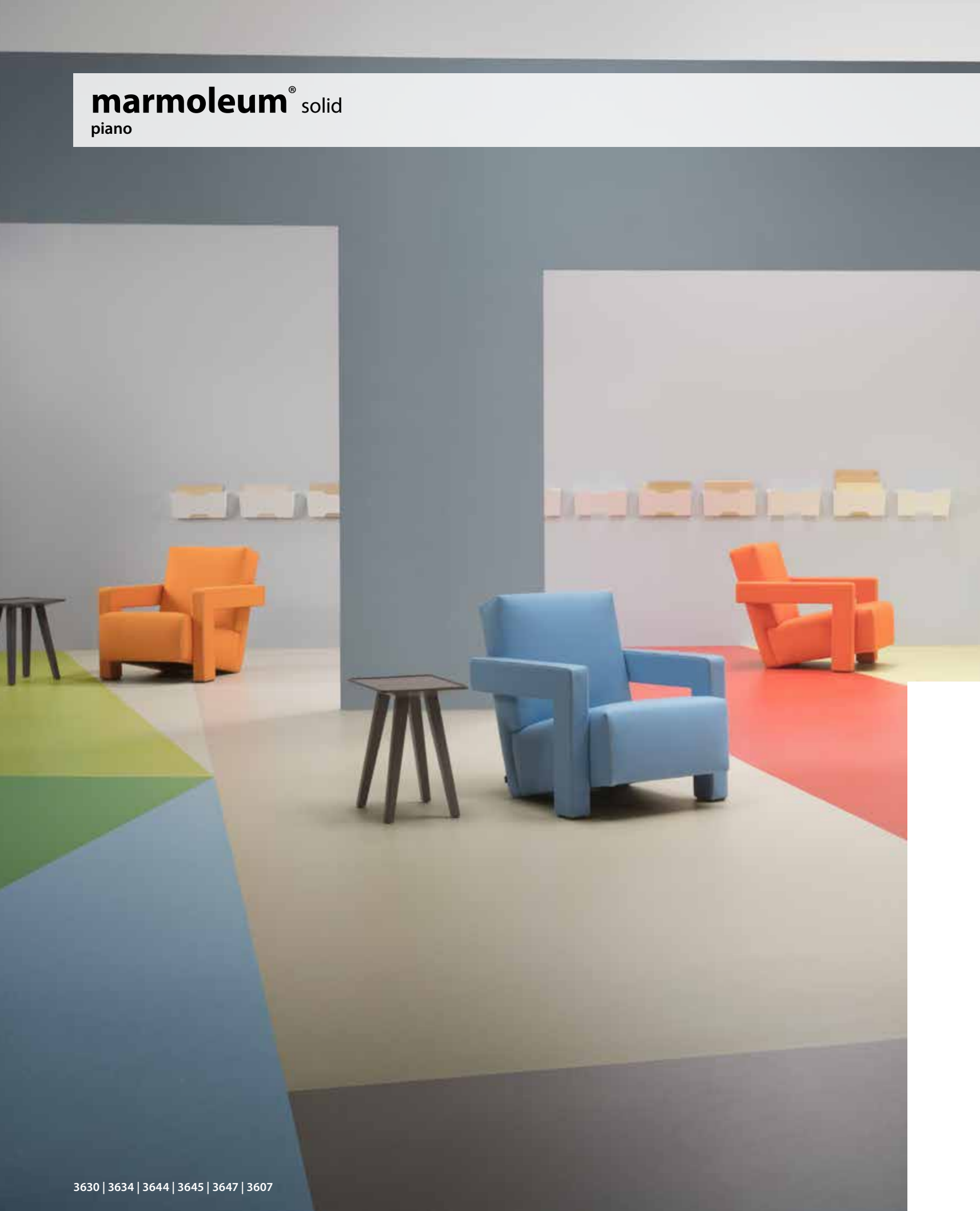


3358 - 335835 dB

lilac

3363 - 336335 dB





3630 | 3634 | 3644 | 3645 | 3647 | 3607

 frosty grey 3629 - 362935 dB	 polar bear 3601 - 360135 dB	 sunray 3650 - 365035 dB	 meadow 3648 - 364835 dB	 perlwinkle 3634 - 363435 dB
 warm grey 3601 - 360135 dB	 angora 3630 - 363035 dB	 mellow yellow 3622 - 362235 dB	 young grass 3646 - 364635 dB	 Nordic blue 3644 - 364435 dB
 grey dusk 3607 - 360735 dB	 warm grey 3627 - 362735 dB	 zinnia 3622 - 362235 dB	 nettle green 3651 - 365135 dB	 Neptune blue 3647 - 364735 dB
 almost darkness 3613 - 361335 dB	 sealion 3632 - 363235 dB	 salsa red 3625 - 362535 dB	 greenwood 3649 - 364935 dB	 Atlantic blue 3652 - 365235 dB



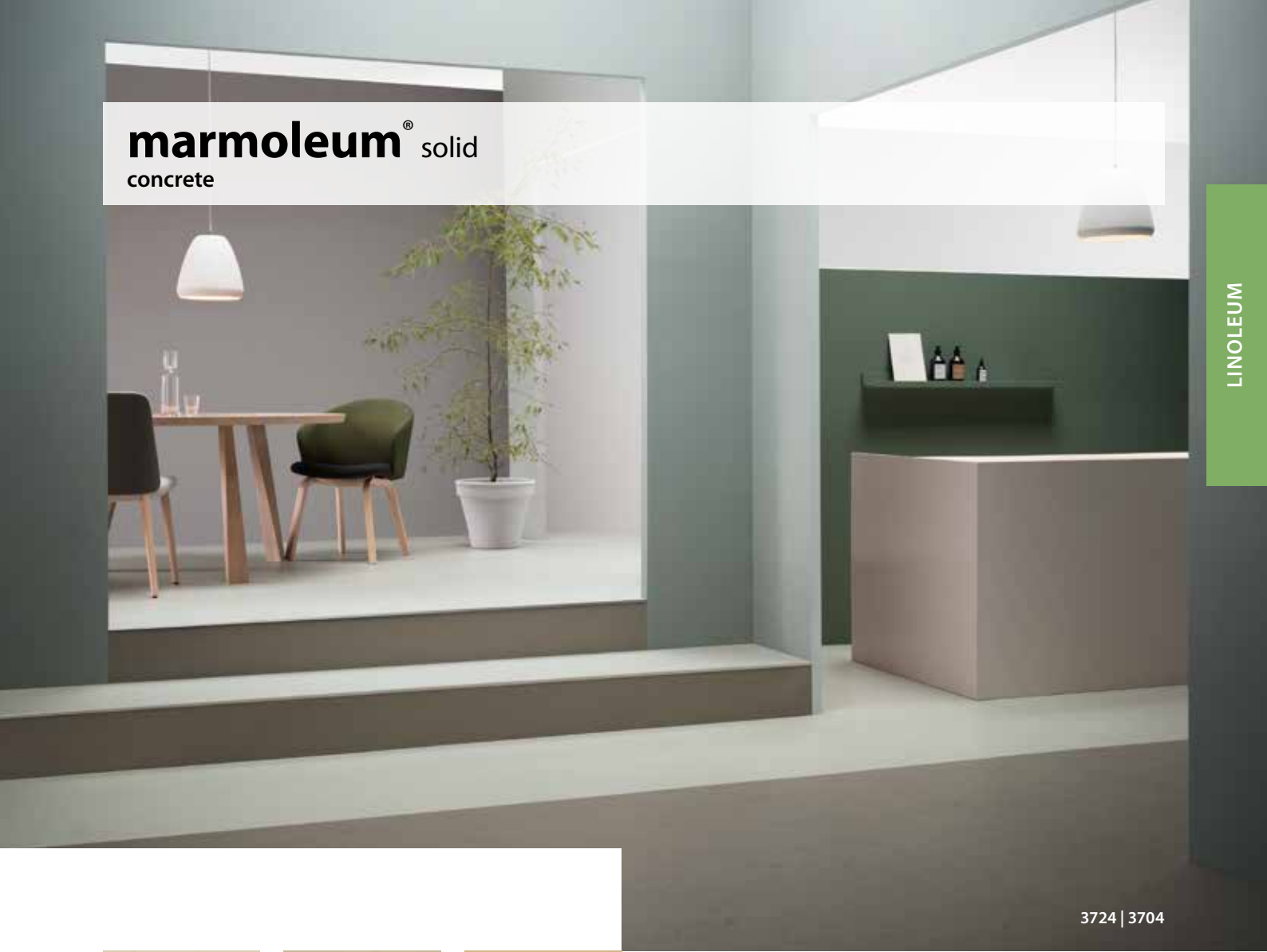
marmoleum<sup>®</sup> solid  
concrete



3369 | 3733 | 3741



marmoleum<sup>®</sup> solid  
concrete



3724 | 3704





**marmoleum®** solid  
slate



e3725



Welsh slate



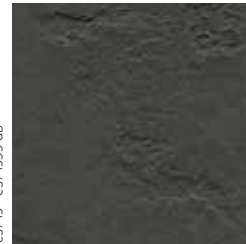
Newfoundland slate



Lakeland shale



Cornish grey



Highland black



LINOLEUM

3353 | 3368 | 3367



**marmoleum**<sup>®</sup> patterned  
graphic



**marmoleum**<sup>®</sup> patterned  
piano



LINOLEUM

Marmoleum Piano's two-tone speckle effect on an almost solid colour structure results in a harmonious look & feel that emphasises the natural and the sophisticated as the floorcovering appears like a uni colour once installed on the floor. The collection is a diverse range of 20 colours including both bright and muted tones and neutral greys. The subtle speckle structure assures dirt hiding properties.

3630

5313

Our Marmoleum Graphic collection consists of a series of high-contrast blacks and whites as well as a range of complementary greys which makes Graphic a truly architectonic collection. Graphic is available in 8 colours that can be coordinated with the collection or with other items from the Marmoleum range.



5305 | scrabble



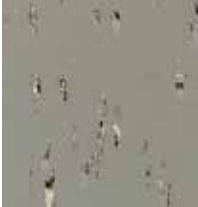
5302 | print



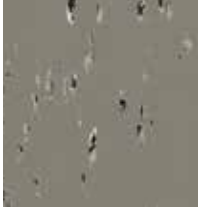
5301 | graffito



5306 | domino



5313 | aquatint



5314 | scenario



5311 | signo



5315 | dry point



3641 | eggshell



3630 | angora



3631 | otter



3632 | sealion



3629 | frosty grey



3636 | powder



3637 | fox



3625 | salsa red



3638 | school red



3601 | warm grey



3633 | Pyrenean lily



3622 | mellow yellow



3635 | strawberry fields



3639 | thistle



3607 | grey dusk



3634 | meadow



3642 | periwinkle



3640 | Pacific blue

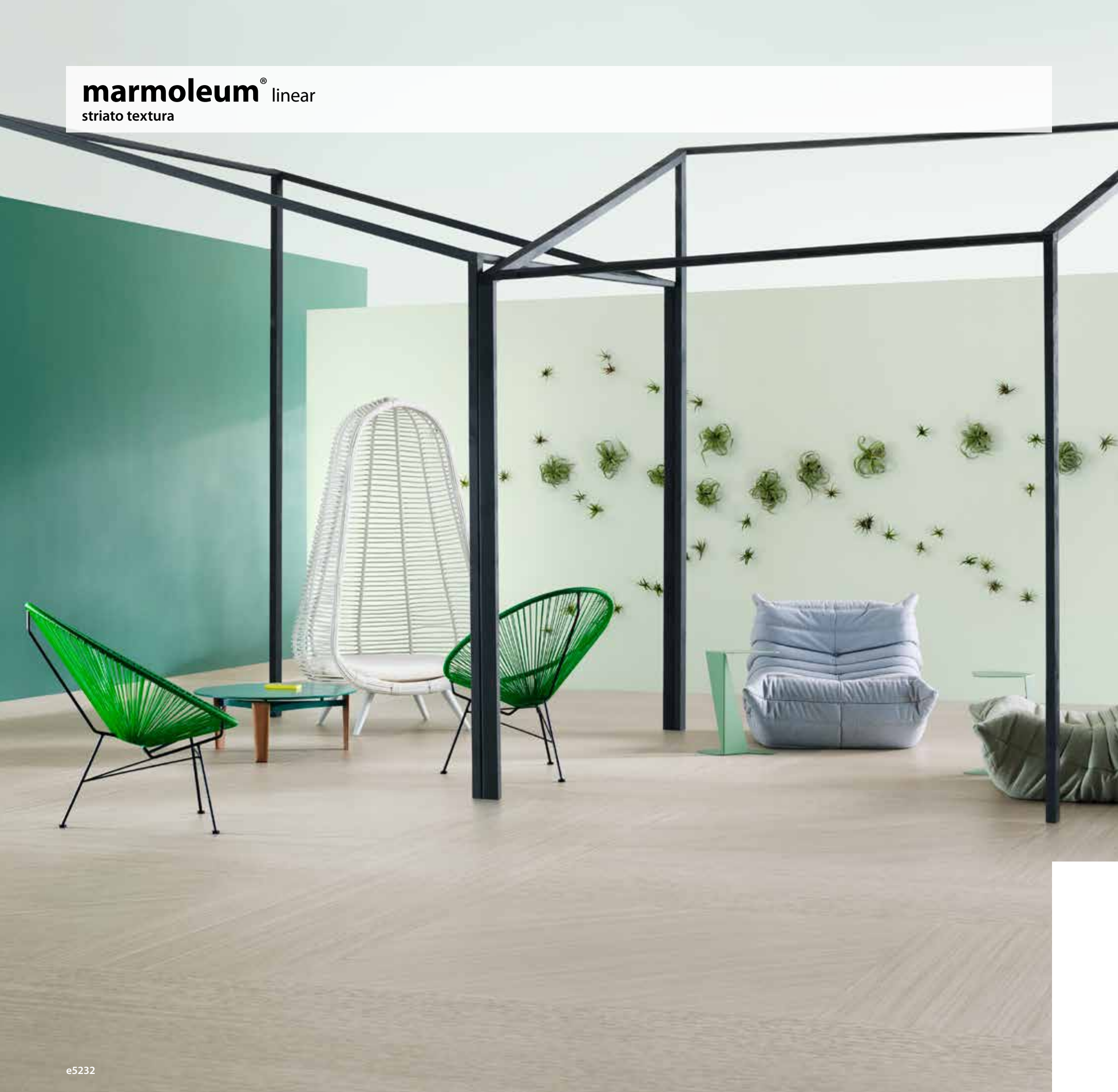


3643 | submarine



3613 | almost darkness





The all natural Marmoleum Striato collection presents an exciting range of linear designs in contemporary neutrals where the floor act as a modern backdrop of a natural environment. The naturalness of Striato textura and Striato original answers the trend for tactility and residential feeling. In contrast, the Striato colour items emphasises the brightness and colour that can be created with Marmoleum. Being the lively floor strongly present or the modest base where other elements can become the hero. In all cases Marmoleum flooring defines the space.

Please note digital and printed representations may vary from the actual product. Please order a sample to see the full effect.

e5232



e5232 | rocky ice



e3573 | trace of nature



e5231 | Cliffs of Moher



e5216 | Pacific beaches



e5235 | North Sea coast



e5217 | withered prairie



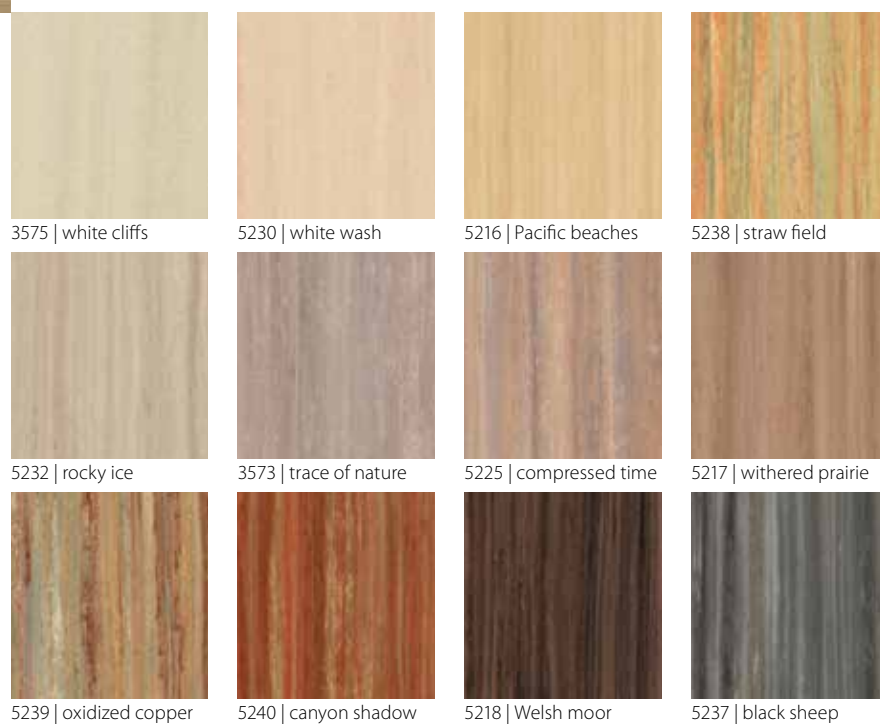
e5236 | fox cub



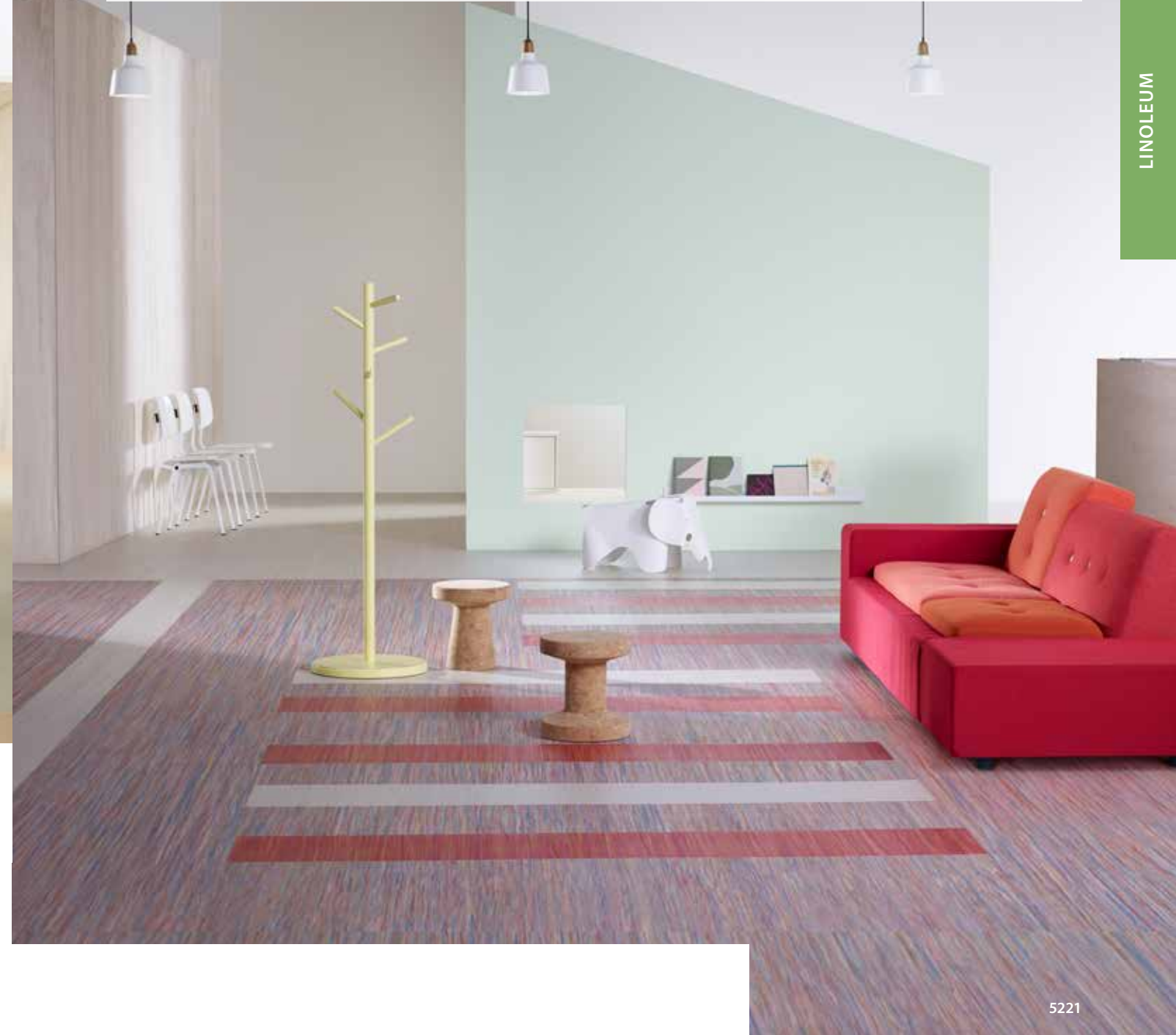
**marmoleum®** linear  
striato original



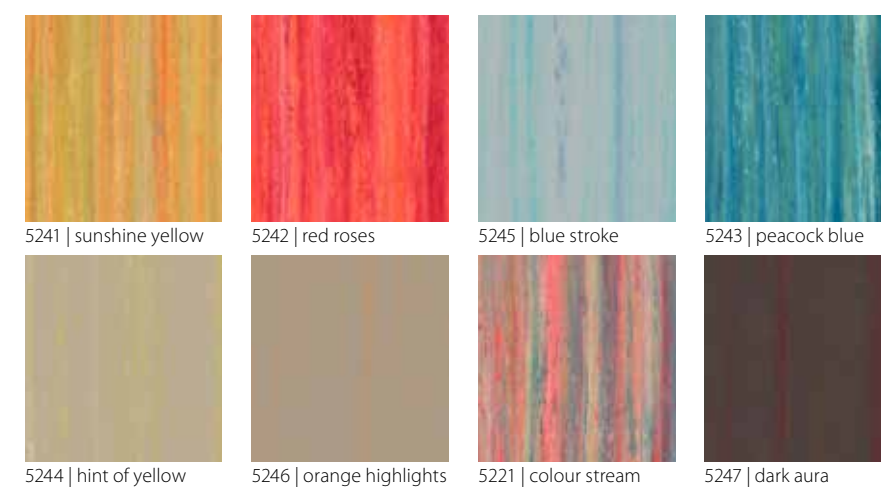
5239 | 5244



**marmoleum®** linear  
striato colour

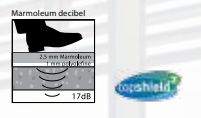


5221





marmoleum® decibel



324735 | 322435

In the linoleum category, Marmoleum Decibel provides reduction of impact sound by 17 dB. Marmoleum Decibel is 3.5 mm sheet floor covering with a 2.5 mm Marmoleum Real laminated onto a 1 mm thick layer of polyolefin foam. Marmoleum Decibel is available in 25 colours that are taken from the Marmoleum Real collection. Alternative Marmoleum designs in a Decibel variety are available on request.



324535 | summer pudding



320335 | henna



312735 | Bleeckerstreet



312635 | Kyoto



312535 | golden sunset



324735 | green



322435 | chartreuse



322135 | hyacinth



303035 | blue



323835 | laguna



305335 | dove blue



262135 | dove grey



307535 | shell



387435 | walnut



370935 | silt



324635 | shrike



371135 | cloudy sand



312035 | rosato



270735 | barley



370735 | black hole



324835 | mammoth



327235 | volcanic ash



304835 | graphite



370535 | meteorite



370635 | beton

marmoleum® acoustic



33032



33075 | shell



33038 | Caribbean



33032 | mist grey



33055 | fresco blue



33048 | graphite



33139 | lava

Marmoleum Acoustic is a linoleum with a corkment layer adhered to the back of the linoleum. The construction provides an additional acoustic quality to linoleum with a sound reduction of up to 14 Db.

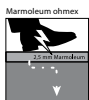






73032 | 73055

Marmoleum Ohmex is linoleum that meets higher requirements for electrical conductivity. Electrical resistance is improved to  $< 1-10 \text{ } 8 \text{ } \Omega$  (EN1081), ensuring personal safety and protecting equipment that is sensitive to static electricity.



73055 | fresco blue



73038 | Caribbean



73032 | mist grey




























73048 | graphite



Technical specifications: **marmoleum**



























Marmoleum meets the requirements of EN ISO 24011  
Marmoleum Acoustic meets the requirements of EN 687  
Marmoleum Decibel meets the requirements of EN 686

			Marmoleum Real/Fresco	Marmoleum Real/Fresco/ Vivace	Marmoleum Real	Marmoleum Real	Marmoleum Decibel	Marmoleum Acoustic
	Total thickness	EN-ISO 24346	2.0 mm	2.5 mm	3.2 mm	4.0 mm	3.5 mm	4.0 mm
	Domestic: heavy	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23	Class 23
	Commercial: general/heavy/ very heavy	EN-ISO 10874	Class 32	Class 34	Class 34	Class 34	Class 33	Class 33
								
								
	Light industrial: moderate/general/ heavy	EN-ISO 10874	Class 41	Class 43	Class 43	Class 43	Class 41	Class 41
								
								
	Roll width	EN-ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m
	Roll length	EN-ISO 24341	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m
	Indentation residual	EN-ISO 24343-1	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.20 mm	≤ 0.30 mm	≤ 0.40 mm
	Castor chair continuous use	EN 425	Suitable for office chairs with castors.					
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.					
	Flexibility	EN-ISO 24344	ø 30 mm	ø 40 mm	ø 50 mm	ø 60 mm	ø 40 mm	ø 60 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis.					
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA.						
	Cigarette resistance	EN 1399	Marks left on linoleum as a result of stubbed-out cigarettes can be removed.					
	Slip resistance	DIN 51130	R9	R9	R9	R9	R9	R9
	Acoustical impact noise reduction	EN ISO 717-2	≤ 4 dB	≤ 5 dB	≤ 6 dB	≤ 7 dB	17 dB	14 dB
	Electrical resistance Marmoleum Ohmex	EN 1081	-	1-10 <sup>6</sup> <R1 < 1-10 <sup>9</sup> Ω static dissipative	-	-	-	-
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.						
Marmoleum meets the requirements of EN 14041								
	Reaction to fire	EN 13501-1	Cfl-s1					
	Slip resistance	EN 13893	DS: ≥ 0.30					
	Body voltage	EN 1815	< 2 kV					
	Thermal conductivity	EN 12524	0.17 W/m-K					



Technical specifications: **marmoleum**

Marmoleum meets the requirements of EN ISO 24011  
Marmoleum Acoustic meets the requirements of EN 687  
Marmoleum Decibel meets the requirements of EN 686

			Marmoleum Concrete	Marmoleum Walton	Marmoleum Striato	Marmoleum Graphic	Marmoleum Piano
	Total thickness	EN-ISO 24346	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm
	Domestic: heavy	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23
	Commercial: general/heavy/ very heavy	EN-ISO 10874	Class 34	Class 34	Class 34	Class 34	Class 34
							
							
	Light industrial: moderate/general/ heavy	EN-ISO 10874	Class 43	Class 43	Class 43	Class 43	Class 43
							
							
	Roll width	EN-ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m
	Roll length	EN-ISO 24341	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m	≤ 32 m
	Indentation residual	EN-ISO 24343-1	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm	≤ 0.15 mm
	Castor chair continuous use	EN 425	Suitable for office chairs with castors.				
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.				
	Flexibility	EN-ISO 24344	ø 40 mm	ø 40 mm	ø 40 mm	ø 40 mm	ø 40 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis.				
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA.					
	Cigarette resistance	EN 1399	Marks left on linoleum as a result of stubbed-out cigarettes can be removed.				
	Slip resistance	DIN 51130	R9	R9	R9	R9	R9
	Acoustical impact noise reduction	EN ISO 717-2	≤ 5 dB	≤ 5 dB	≤ 5 dB	≤ 5 dB	≤ 5 dB
	Electrical resistance Marmoleum Ohmex	EN 1081	-	-	-	-	-
	Life Cycle Assessment						
Marmoleum meets the requirements of EN 14041							
	Reaction to fire	EN 13501-1	 EN 14041				
	Slip resistance	EN 13893					
	Body voltage	EN 1815					
	Thermal conductivity	EN 12524					





# PLAY WITH MARMOLEUM MODULAR NATURAL DESIGN TILES

Our Marmoleum Modular tile collection takes linoleum out of its traditional environment. It offers a playful experiment with colour & design, like no other floor covering has done before.

**Lines:** a contemporary collection of abstract linear designs. The random calandered pattern of the striato planks create a unique natural design that reflects both modern and traditional wood and parquet floors.

**Shade:** a collection of a subtle concrete look in cool and warm grey tones as well as black and white. The XL tile (75 x 50 cm) allows you to emphasize the material connection of slate and stone.

**Colour:** This is the heart of the collection and the one for which linoleum is most well-known: colour. Colours can be used as highlight or accent or combined in a unique mosaic floor to create an expressive environment.

**Marble:** classic and contemporary marbled colours that have been created to mix and match to give a special dimension to your floor plan.

**Textura:** in this range we have added two types of embossing to some of our linear patterns. This way we are adding tactility to the floor which gives a wonderful opportunity to play with shadows of floodlight.



marmoleum® modular  
floorplans

These floorplans serve as inspiration for the wide variety of designs, moods and colour varieties that can be created with Marmoleum Modular. For a full overview and an opportunity to create your own floor plans please visit our floor planner on [forbo-flooring.xx/xxx](https://forbo-flooring.xx/xxx)

PM-11 (t3254 - t3405 - t3423 - t3425, 50 x 50 cm)



PL-11 | 100 x 25 cm



PL-12 | 100 x 25 cm



PL-21 | 100 x 25 cm, 100 x 15 cm



PL-22 | 100 x 25 cm, 100 x 15 cm



PL-31 | 50 x 50 cm



PL-32 | 50 x 50 cm



PS-11 | 50 x 25 cm



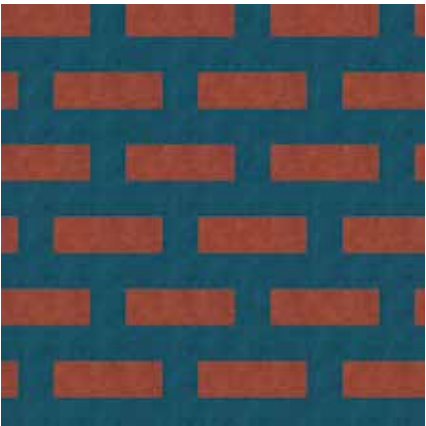
PS-12 | 50 x 25 cm



PS-22 | 75 x 50 cm



PS-21 | 75 x 50 cm



PC-11 | 50 x 50 cm



PC-12 | 50 x 50 cm



PM-11 | 50 x 50 cm



PM-12 | 50 x 50 cm



PM-21 | 50 x 25 cm



PM-22 | 50 x 25 cm



PM-31 | 50 x 25 cm



PM-32 | 50 x 25 cm



marmoleum® modular  
lines

The collection is created in natural lighter-, yellow, middle-, brown and darker- grey colours. The plank dimension are 100 x 25 cm and 100 x 15 cm. In addition there is a 50 x 50 cm tile and an interesting 25 x 50 cm tile with a cross-grained line in the yellow tones creating a bamboo-like effect.



PL-51 (t3575 - t5232)

50 x 50 cm, 100 x 25 cm				25 x 50 cm cross-grained
	t3575   white cliffs	t5232   rocky ice	t3573   trace of nature	
				
	t5225   compressed time	t5226   grey granite	t5231   Cliffs of Moher	
50 x 50 cm, 100 x 25 cm, 100 x 15 cm				25 x 50 cm cross-grained
	t5230   white wash	t5216   Pacific beaches	t5233   Caribbean shore	
				
	t5234   Corn Island	t5235   North Sea coast	t5217   withered prairie	
50 x 50 cm, 100 x 25 cm, 100 x 15 cm				25 x 50 cm cross-grained
	t5236   fox cub	t5229   fresh walnut	t5218   Welsh moor	
				
				
				



marmoleum® modular  
shade



PS-13 (t3722 - t3716)

4 cool concrete greys and 4 warm sand tones, complemented with classic 'Black and White' tiles. Available tile formats are: 75 x 50 cm, 50 x 25 cm, 50 x 50 cm, 25 x 25 cm. The subtle colour tones in the concrete ranges mixed together create subtle nuances that make your floor come to life when the light captures your floor design.



t3722 | stardust\*

t3707 | black hole\*

t3716 | Mercury\*\*

t3717 | Neptune\*\*

t3718 | Pluto\*\*

t3704 | satellite\*\*

t3711 | cloudy sand\*

t3719 | Malibu beach\*\*

t3720 | sandy coast\*\*

t3721 | Ipanema\*\*



marmoleum® modular  
colour



PC-31 (t3238 - t3884 - t3887)

The colour collection contains four contemporary grey tones that are mixed with a single contrast colour, 4 matching pastel tints and a set of 12 fashionable bright and rich colours that make playful and exciting combinations and that liven up the environment.

50 x 50 cm, 75 x 50 cm				
	t3712   orange shimmer	t3713   purple haze	t3714   blue dew	t3715   phosphor glow
				
	t3563   frozen autumn	t3887   moonlight	t3884   frost	t3566   silent sulphur
25 x 25 cm, 50 x 50 cm				
	t3243   stucco rosso	t3245   summer pudding	t3882   relaxing lagoon	t3251   lemon zest
				
	t3203   henna	t3244   purple	t3238   laguna	t3224   chartreuse
				
	t3127   bleeckerstreet	t3030   blue	t3242   adriatica	t3255   pine forest



marmoleum® modular  
marble

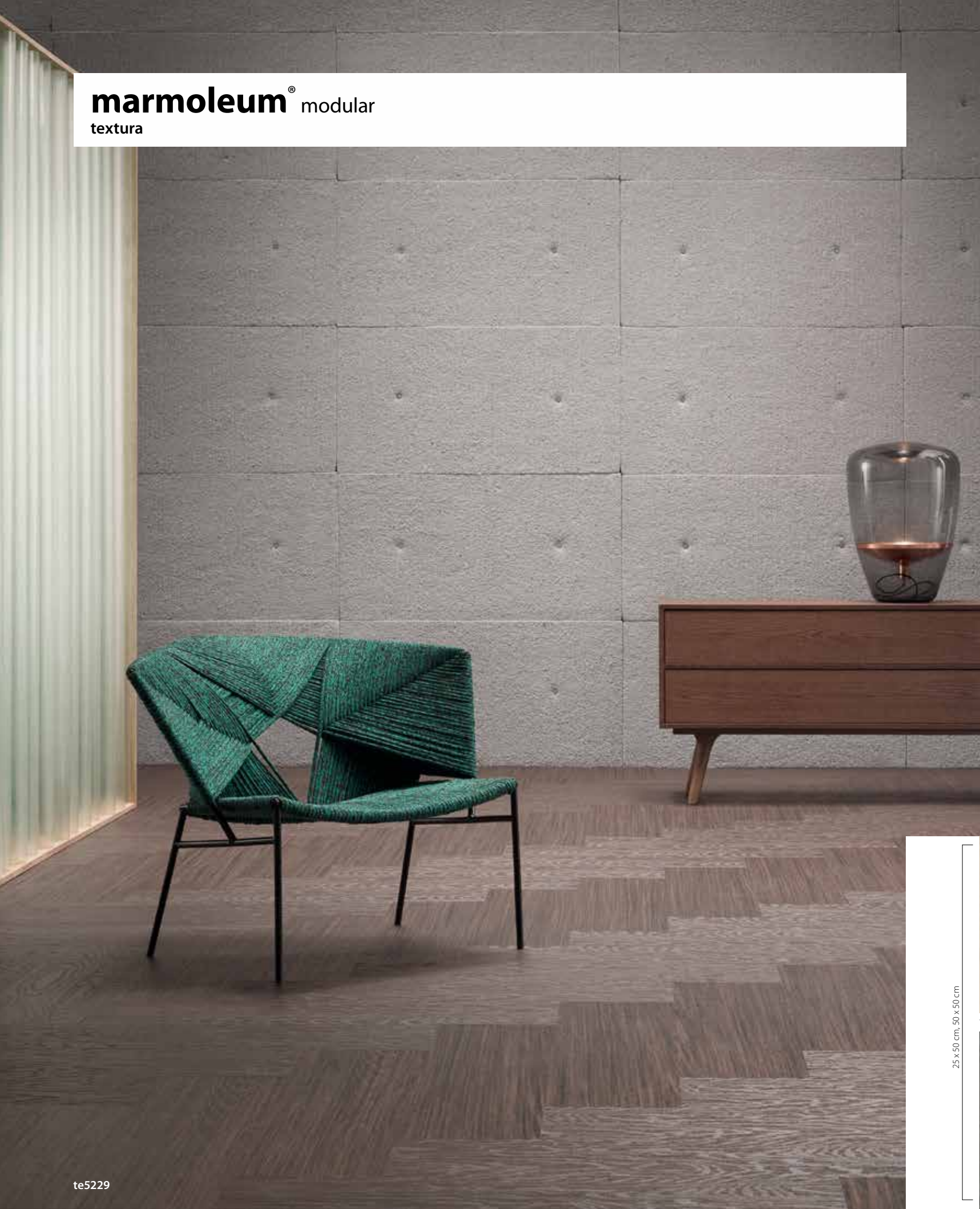


PM-24 (t3048 - t3139 - t3407)

A collection of 16 classic and contemporary marbled structures, presented in a colour range that has been created to mix and match to give a special dimension to your floor design.







Adding tactility by using embossing bears a wonderful opportunity to play with the subtle shadows of floodlight. By working with tiles you not only can play with direction of light, but you can also make the embossing structure come to life. It enhances the comfortable and familiar feel to natural surroundings.



te5230 | white wash

te5235 | North Sea coast

te5217 | withered prairie

te5229 | fresh walnut

te5218 | Welsh moor

te5225 | compressed time
















te3573 | trace of nature

te5231 | Cliffs of Moher



Technical specifications: **marmoleum®** modular

Marmoleum Modular meets the requirements of EN-ISO 24011





	Modular		Modular Textura	
	Total thickness	EN-ISO 24346	2.5 mm	2.5 mm
	Domestic: heavy	EN-ISO 10874	Class 23	Class 23
	Commercial: very heavy	EN-ISO 10874	Class 34	Class 34
	Light Industrial: heavy	EN-ISO 10874	Class 43	Class 43
	Dimensions (length x width)	EN-ISO 24342	25 x 25 cm 25x50 cm 50 x 25 cm 50 x 50 cm 75 x 50 cm 100 x 15 cm 100 x 25 cm	100 x 25 cm
	Squareness and straightness	EN-ISO 24342	≤ 0.35 mm	≤ 0.35 mm
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1	≤ 0.15 mm ~0.05	≤ 0.15 mm ~0.05
	Castor chair continuous use	EN 425	Suitable for office chairs with castors	
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6	
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis.	
	Bacteriostatic properties		Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA.	
	Cigarette resistance	EN 1399	There is no melting of the surface by cigarettes. Marks left on linoleum as a result of stubbed-out cigarettes can be removed.	
	Slip resistance	DIN 51130	R9	R9
	Acoustical impact sound reduction	EN ISO 717-2	≤ 5 dB	≤ 5 dB
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact.	

EN 14041



0100203-DoP-306

Marmoleum meets the requirements of EN 14041

	Reaction to fire	EN 13501-1	C <sub>s</sub> -s1	C <sub>s</sub> -s1
	Slip resistance	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30
	Body voltage	EN 1815	< 2 kV	< 2 kV
	Thermal conductivity	EN 12524	0.17 W/m-K	0.17 W/m-K



PM-31 (t3053 - t3139)



# MARMOLEUM CLICK

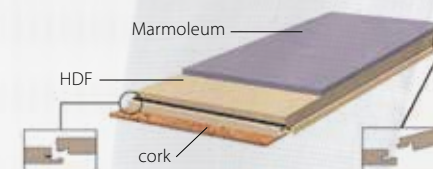
## FUN TO DESIGN, EASY TO INSTALL

Marmoleum Click is a high quality, easy to install floor panel system made with a high density fibre board (HDF) core, a cork backing and Forbo Marmoleum on top and is available in a wide range of colours. It is ideal for kitchens, living rooms, hallways, bedrooms, playrooms and studies. (Marmoleum Click is not recommended for rooms that regularly get very wet, such as bathrooms and saunas). Marmoleum Click is available in 90 cm x 30 cm panels and 30 cm x 30 cm squares and features a patented click system, which guarantees easy, problem-free installation. With Marmoleum Click, it really is easy to turn your wildest dreams into a beautiful reality.

### Marmoleum Click is a snap to install

Marmoleum Click also improves life for people with asthmatic allergies and similar disorders. Not only it is anti-static (which is why it's so easy to keep dust-free), but its lab-proven bacteriostatic properties inhibit microorganisms as well. And because Marmoleum is a natural product, it reaches room temperature quickly, ensuring your house is snug and warm. It can even be used with under-floor heating.

Marmoleum Click is a snap to install. Slot it together with the simple locking system and literally click the panels into place. Because Marmoleum Click panels are wide and leave no seams when connected, it's easy to get a nice smooth finish in no time. And there's no need to mess around with glue or waiting for it dry. Lay it, walk on it. Of course, your Marmoleum Click retailer can also fit your floor, if you prefer. Marmoleum Click can be installed over every type of surface. The only time extra preparation is needed is if the floor or underlay is very uneven (differences of 2 mm or more). We also offer a range of matching skirting finishes to give your room that extra touch.







333866 | 333355 | 333885 | 333360















Marmoleum Click lets you create endless design effects. Quiet shades for a neutral background. Cheerful colours to brighten up your home. Fresh colours that soothe. Light ones to make a room look bigger. Warm colours to make difficult spaces cosy. Marmoleum Click's colours are inspired by nature, but its beauty is more than skin deep.

30 x 30 cm, 60 x 30 cm				
	333860   silver shadow	3701   moon	3858   Barbados	3866   eternity
	333724   orbit	3711   cloudy sand	3702   liquid clay	3568   delta lace
30 x 30 cm				
	333723   nebula	3872   volcanic ash	3707   black hole	333209   raven
	3363   lilac	3360   vintage blue	3355   rosemary green	3358   petrol
90 x 30 cm				
	3885   spring buds	3238   laguna	3251   lemon zest	3131   scarlet
	5216   Pacific beaches	3573   trace of nature	5217   withered prairie	








Technical specifications: **marmoleum**

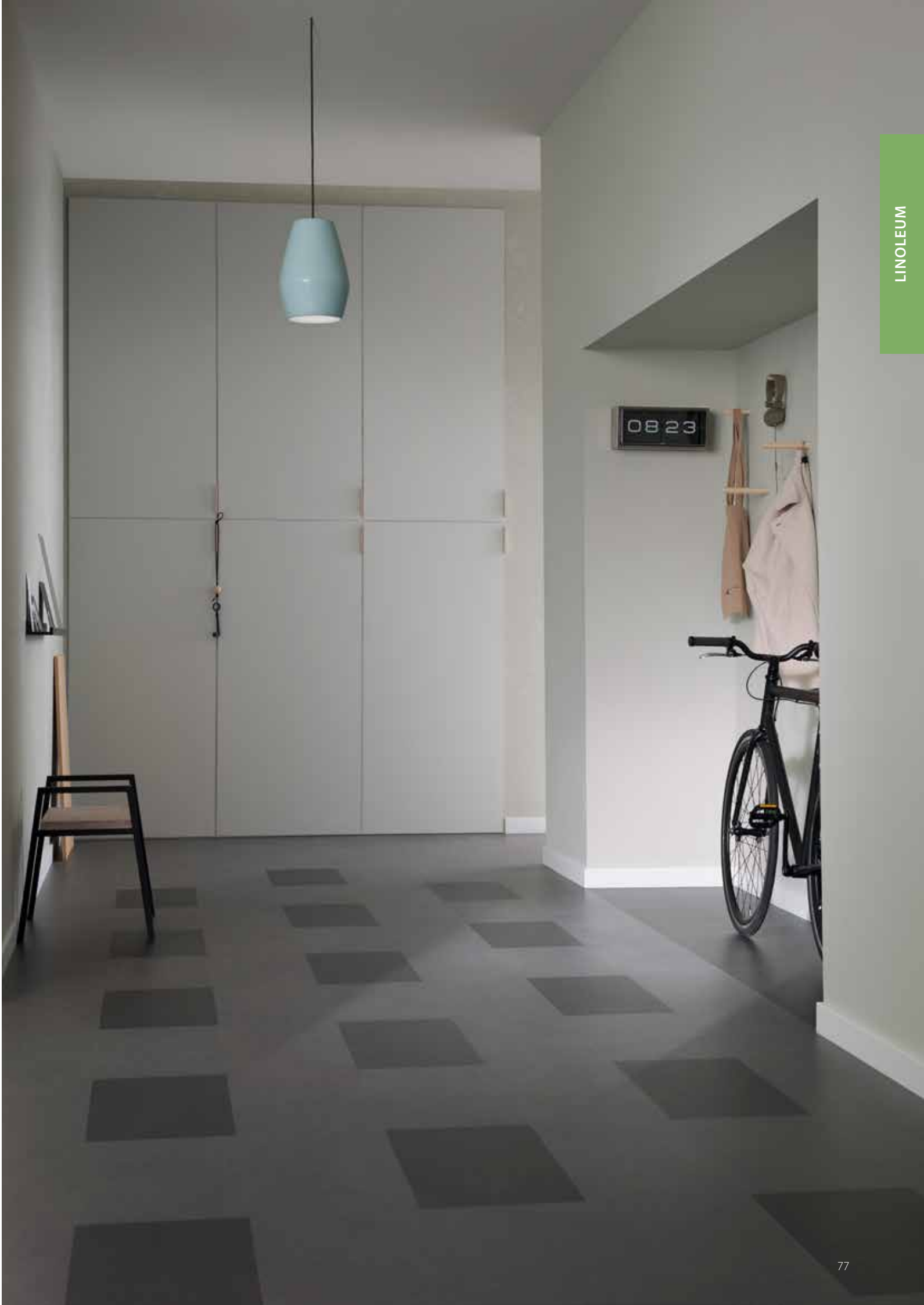
Marmoleum Click meets the requirements of EN 14085

Marmoleum Click		
	Total thickness	EN-ISO 24346 9.8 mm
	Nominal thickness Marmoleum	EN-ISO 24346 2.5 mm
	Locking system	5G
	Domestic: heavy	EN-ISO 10874 Class 23
	Commercial: heavy	EN-ISO 10874 Class 33
	Tile/panel size	EN ISO 24341 30 x 30 cm 60 x 30 cm 90 x 30 cm
	Packaging per carton 30 x 30 cm	0.63 m² (7 squares)
	Packaging per carton 60 x 30 cm	1.26 m² (7 panels)
	Packaging per carton 90 x 30 cm	1.89 m² (7 panels)
	Residual indentation <i>typical value</i>	EN-ISO 24343-1 ≤ 0.15 mm ~0.08
	Castor chair resistance	EN 425 Suitable for office chairs with castors.
	Light fastness	EN-ISO 105-B02 Method 3: blue scale minimum 6.
	Resistance to chemicals	EN-ISO 26987 Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis.
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA.
	Cigarette resistance	EN 1399 Marks left on linoleum as a result of stubbed-out cigarettes can be removed.
	Slip resistance	DIN 51130 R9
	Acoustical impact sound reduction	EN ISO 717-2 > 17 dB ≥ 21 dB (installed on Forbo foam)
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.

Marmoleum Click meets the requirements of EN 14041



	Reaction to fire	EN 13501-1 C <sub>s</sub> - s1
	Formaldehyde emission	EN ISO 717-1 E1
	Slip resistance	EN 13893 DS: ≥ 0.30
	Body voltage	EN 1815 < 2 kV
	Thermal conductivity	EN 12524 0.15 W/m·K





# MARMOLEUM SPORT

## THE INNOVATIVE IN-DOOR SPORTS FLOORING

Marmoleum Sport is available in 12 colours that have been designed based on colour patterns commonly applied in sports halls and gymnasiums. The colours can be combined to add accented shapes in the floor for certain sports applications and are dirt concealing. Marmoleum Sport belongs to the category of area-elastic sports floor constructions and fulfils the latest European sport flooring standard EN14904 and the German standard DIN V 18032-2. Area-elastic floors minimise the risk of injury.

According to the German standard DIN V 18032-2 and European EN 14904 all sport functional and technical characteristics are covered. Taking into account the range of requirements in sports halls in these standards for linoleum sport floor coverings a material thickness of 3.2 mm is recommended. 3.2 mm corresponds to the latest state of the art performance requirements and is in accordance with applicable national and European Standards.





## marmoleum<sup>®</sup> sport



83120 + 83878



83120

3,2 / 4,0 mm



83878

3,2 / 4,0 mm



83212

3,2 / 4,0 mm



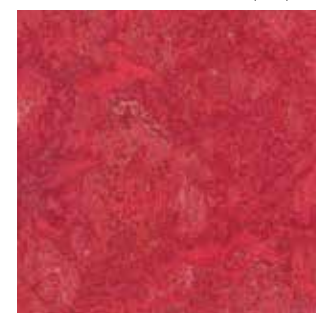
83208

3,2 / 4,0 mm



83176

3,2 / 4,0 mm



83215

3,2 mm



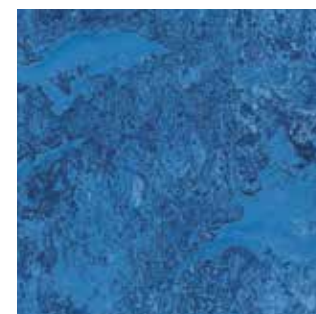
83146

3,2 / 4,0 mm



83055

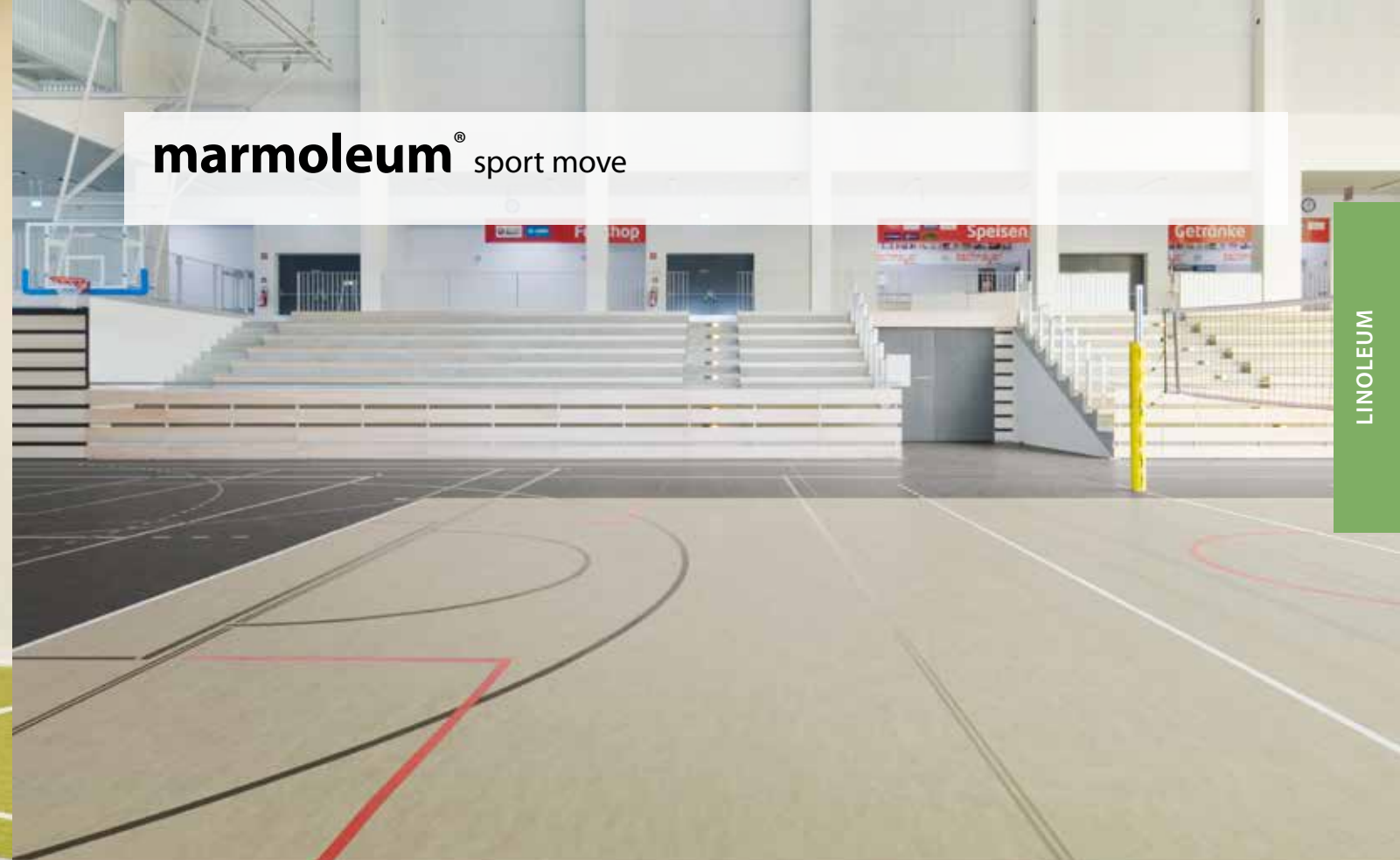
3,2 / 4,0 mm



83210

3,2 / 4,0 mm

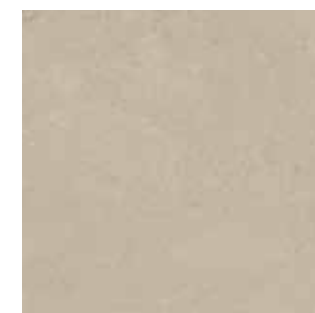
## marmoleum<sup>®</sup> sport move



LINOLEUM



83711 + 83707



83711

3,2 mm



83707

3,2 mm



83715

3,2 mm



83712
















3,2 mm

Marmoleum sport is a natural linoleum that is supplied without any surface treatment to facilitate the application of sports-striping to indicate the variety of indoor sports that can be played in the venue, after which a suitable surface finish is applied.




Technical specifications: **marmoleum sport**

Marmoleum Sport meets the requirements of EN-ISO 24011, EN 14904 and DIN V 18032-2

	Total Thickness	EN-ISO 24346	3.2 mm	4.0 mm
	Roll Width	EN-ISO 24341	2.00 m	2.00 m
	Roll Length	EN-ISO 24341	≤ 28m	≤ 28m
	Total Weight	EN-ISO 23997	3.7 kg/m²	4.6 kg/m²
	Flexibility	EN-ISO 24344	50 mm	60 mm
	Light reflection	DIN 5036-3	≥ 0.20 (except colour 83210, 83215, 83707)	≥ 0.20 (except colour 83210, 83215, 83707)
	Light Fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.	
	Acoustical impact noise reduction	EN-ISO 717-2	6dB	7dB
	Castor Chair continous use	EN 425	No effect	No effect
	Residual Indentation	EN-ISO 24343-1	≤ 0,15 mm	≤ 0,20 mm
	Bacteriostatic properties		yes	yes
	Cigarette resistance	EN 1399	There is no melting of the surface by cigarettes. Marks left on linoleum as a result of stubbed-out cigarettes can be removed.	
	Slip Resistance	EN 13893	DS ≥ 0.30	DS ≥ 0.30
	Body voltage	EN 1815	< 2 kV	< 2 kV
	Thermal conductivity	EN 12524	0.17 W/m-K	0.17 W/m-K
	Life Cycle Assessment		yes	yes

Marmoleum Sport meets the requirements of EN 14904

	Reaction to fire	EN 13501-1	C <sub>fl</sub> S1	C <sub>fl</sub> S1
	Friction	EN 13036-4	80-110	80-110
	Resistance to rolling load	EN 1569	Pass	Pass
	Resistance to wear	EN-ISO 5470-1	≤ 1000mg	≤ 1000mg

Marmoleum Sport meets the emission requirements and is AgBB by DIBt building approval: approval no. Z-156604-627]

Certification from sports associations, e.g. Fiba or IHF, is only provided on the surface layer in combination with the subfloor. There are examples in the market available of complete floor systems which use Marmoleum Sport that received certificates from either Fiba, IHF or other sport associations.

EN 14904  
**CE**  
0100208\_DoP-309



83715



# LINOLEUM FOR WALL AND FURNITURE SURFACE APPLICATIONS

The Furniture and Bulletin Board are linoleum products which have a multitude of surface application possibilities. Its properties make it ideally suited for use on notice boards, and it provides a functional finish to walls, furniture, door panels and cupboards. Both collections are produced from renewable raw materials.

## Furniture linoleum

Forbo Furniture Linoleum is the finishing touch for everyone who wants to create breathtaking beautifully designed and functional furniture that will stand out from the crowd while also standing the test of time. A high-quality material with a proven pedigree, Furniture Linoleum is renowned for its elegance and durability and is suitable for countless stunning decorative surfacing applications. The unique aesthetic and tactile properties of Furniture Linoleum ensure that every object develops its own character. The combination of matt surface and a warm, soft texture are your guarantee for interior furniture with a truly distinctive, genuinely individual look and feel that really is unlike any other surface material available.

## Bulletin Board

Bulletin Board is a linoleum surfacing material with exceptional durability that is ideal for use on noticeboards and pinboards. Bulletin Board is applicable wherever people communicate with one another. The strong, durable, resilient properties of Bulletin Board prevent crumbling and loss of grip often associated with traditional materials such as cork or soft board. Bulletin Board is hygienic due to the fact that it does not attract dust and is bacteriostatic.

Bulletin Board can be applied to flat concrete walls, walls with a cement-stabilised plaster finish, gypsum walls, dividing walls and sheet materials such as hardboard, fibreboard, plywood, MDF and HDF. It can be applied to the wall in a vertical or horizontal direction.

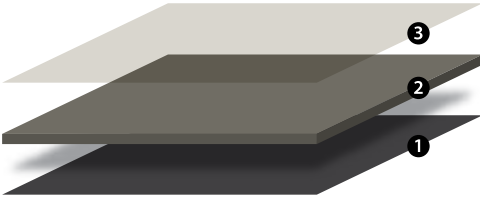




# furniture linoleum

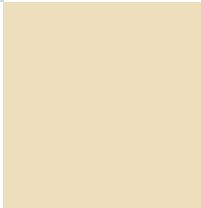


4175

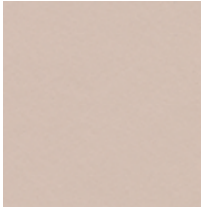


- 3. Water-based, cross-linked finish
- 2. Linoleum
- 1. Paper

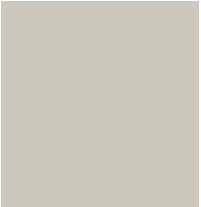
Forbo's Furniture Linoleum, Desktop, is a natural surfacing material that delivers the finishing touch for all high end 3D furniture designs such as desks, chairs, stools, cabinets, doors and displays. The material is flexible and can be applied as a surface on all kinds of constructions. Furniture Linoleum is renowned for its elegance and durability, radiating high quality and finesse.



4157 | pearl



4185 | powder



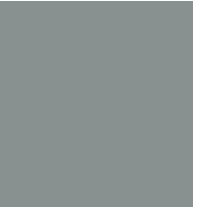
4176 | mushroom



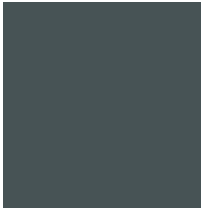
4175 | pebble



4177 | vapour



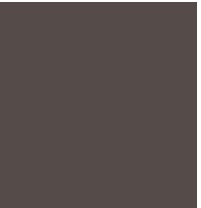
4132 | ash



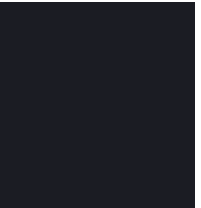
4155 | pewter



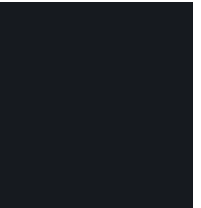
4178 | iron



4172 | mauve



4166 | charcoal



4023 | nero



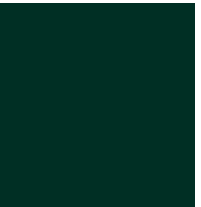
4183 | pistachio



4184 | olive



4182 | spring green



4174 | conifer



4180 | aquavert



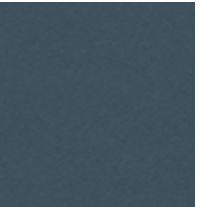
4186 | orange blast



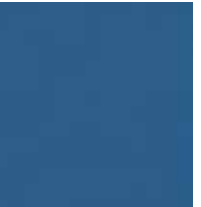
4164 | salsa



4154 | burgundy



4179 | smokey blue



4181 | midnight blue



bulletin board®
















Pinboard linoleum, or Bulletin Board, offers a practical, simple solution to collect and exchange thoughts and ideas whenever people plan, create and meet. Simply share your thoughts by pinning your idea onto the wall. Bulletin Board is an all natural material that can be applied in framed pin boards or directly onto the wall. Its surface is tactile and colourful, creating a decorative element in your space, in addition to being a practical aid in your day to day activity.

\* also available in 183 cm















Technical specifications: **furniture linoleum**

Desktop meets the requirements of EN 688		
	desktop*	
	Total Thickness	EN 4282.0 mm
	Collection size	20
	Roll width	EN 4261.83 m
	Roll length	EN 426≤ 30 m
	Total weight	EN 4302.1 kg/m²
	Indentation-residual	EN 433< 0.20 mm
	Light fastness	ISO 105-B02Method 3: blue scale minimum 6.
	Gloss level	ISO 2813< 5
	Flexibility	EN 435ø 50 mm
	Resistance to chemicals	EN 423Resistant to diluted acids, oils, fats and to the conventional solvent. Not resistant to prolonged exposure to alkalis.
	Heat resistance	EN 43370 ° C.
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact
	Body voltage	EN 1815< 2 kV

\* Typical value  
The above information is subject to modifications for the benefit of further improvements.

Technical specifications: **bulletin board**

	Total Thickness	EN-ISO 243466.0 mm ± 0.25 mm
	Roll Width	EN-ISO 243411.22 m (3 colours in 1.83 m)
	Roll Length	EN-ISO 24341≤ 28 m
	Total Weight	EN-ISO 239974.7 kg/m² ± 10%
	Flexibility	EN-ISO 24344Ø 50 mm, according to method A
	Sound absorption coefficient	EN-ISO 354α <sub>w</sub> 0.1 (typical)
	Thermal conductivity	EN 125240.10 W/m-K
	Self-healing properties	LH000420yes
	Force on pins - Perpendicular to pin direct	LH00042125 N (typical)
	Force on pins - Perpendicular to pin at 7 mm	LH00042110 N (typical)
	Force on pins - Parallel to pin (pulling the pin out)	LH00042115 N (typical)
	Bacteriostatic properties	EN-ISO 22196yes
	Chemical resistance	EN-ISO 26987Resistant to diluted acids, oils and most conventional solvents such as alcohol, white spirit, etc. Not resistant to prolonged exposure to alkalis.
	Dimension stability	Due to the natural jute back, providing a strong durable foundation, the product is dimensionally stable in all directions when properly installed. It resists cracking, drying and peeling.
	Anti-static	yes
	Gloss	Only available in matt colours, so that reflection caused by sunlight or artificial light is reduced.
	Natural materials (e.g. cork, linseed oil, jute)	91%
	Recycled content	43%
	PVC, PET, plasticizers content	0%





# PROJECT VINYL





## PROJECTVINYL

### Luxury Vinyl Tiles

- 96 **allura**  
Allura LVT floors present the ultimate finesse in realistic wood and stone designs that have been made with high end European based production techniques to create today's most realistic and natural look & feel in luxury vinyl tiles.
- 108 **allura flex**  
Allura Flex loose lay tiles and planks are the ultimate LVT. High quality, dimensionally stable, heterogeneous vinyl tiles that have been specifically designed for loose lay installation.
- 114 **allura flex 0.55**  
Allura Flex 0.55 loose lay tiles bring a new design concept to loose lay installation. This multi-layer dimensionally stable high tech vinyl tile is designed to reflect the latest flooring trends and offers unique designs and endless combination opportunities.
- 118 **allura flex decibel**  
Allura Flex Decibel is looking stunning with an impact sound reduction of 19dB. It offers similar speedy installation properties and dimensional stability as regular allura flex products.
- 120 **allura click**  
18 elegant designs in woods and stones which can be quick and easily installed thanks to the unique and patented click system. Realistic plank sizes, natural embossing and true tone colours make every item unique.

### Homogeneous Vinyl

- 130 **allura colour**  
The Allura Colour tiles are unique high density pressed flooring tiles with a homogeneous composition ensuring an outstanding performance under high traffic conditions.
- 134 **sphera**  
Sphera is Forbo's new premium, homogeneous vinyl collection. Styled by our European design team and using the latest production technology in an advanced purpose-built manufacturing plant, Sphera comprises three distinct ranges, Element, Energetic and Evolution. Each range offers differentiated aesthetics to ensure that Sphera adds interest and style to floor designs across a broad range of applications.

## Hetrogeneous Vinyl

- 144 **eternal**  
Eternal vinyl floors present an advanced range of natural wood, stone, textile and colour designs along with some exclusive digitally printed visuals. Eternal is a high tech heterogeneous compact sheet vinyl that fits all general purpose needs in various segments.
- 154 **digitally printed vinyl**  
Our advanced digital printing technology has provided our design team with the tools to develop striking visuals that cannot be achieved with conventional print techniques but also has the option to design your own floor.
- 158 **step**  
Step safety vinyl floors have guaranteed life time slip resistant performance and also offer unique solutions for wetroom applications, providing the best 'bare foot', as well as 'bare foot / footwear' non slip solutions. The collection comprises various subranges each with it's own properties, offering a solution for any area that requires a safety floor.
- 176 **sarlon acoustic vinyl**  
Takes sound reduction to the next level. Acoustic floors have an important contribution when it comes to reducing noise in buildings. Forbo Flooring is a specialist in acoustic floors with more than 30 years of experience. In our Sarlon acoustic vinyl range we offer floors with an impact sound reduction of up to 19dB in a wide variety of colours and designs.

### ESD Floor Covering

- 190 **colorex**  
The Colorex collection offers a premium brand of conductive and static dissipative high density dimensional stable tiles. Colorex is an advanced technical flooring system specifically designed to control static discharge in sensitive areas such a cleanrooms, operating theatres and the electronics industry.





# allura

means more choice...

Allura is Forbo's brand of Luxury Vinyl Tile (LVT) and over the past decade, it's established itself as one of the most popular brands in our extensive product portfolio. There is no other LVT in the market today that can match Allura in terms of design, technology and sustainability. Designed and produced in Europe, Allura uses advanced production technology to ensure maximum dimensional stability so that the appearance of the floor remains as seamless as the day it was installed. Protected by our exclusive lacquering system it will stand the test of time.

The Allura design signature is inspiring, offering over 100 different designs in a wide variety of different sizing. This including our widest collection of wood designs. The range of stone and abstract designs ranges from classic marbles and concretes to eye catching galaxy and space designs. Allura is the Luxury Vinyl Tile of choice, take a look and see for yourself what Allura has to offer you and get inspired by the endless possibilities.

For increased flexibility, a selection of 34 designs are available in both fully adhered, click and loose lay (tackified) formats.



## DESIGN INNOVATION

- Beautiful wood, stone, metal and abstract designs offered in many different sizes of planks and tiles
- Each wood and stone design reflects true life
- 14 embossing structures make Allura come to life, choosing the right structure for every design
- Striking new LVT designs such as Hungarian point and XXL planks

## DURABILITY PERFORMANCE

- Embossed lacquering systems ensure lasting appearance retention
- Scratch and stain proof by hard, yet flexible top layer
- 100% dimensionally stable avoiding gaps between tiles appearing over time

## SUSTAINABLE EASY

- Manufactured with green electricity and 100% phthalate free
- Over 20% recycled content in the backing
- Easy to clean and maintain through specially embossed top-layer



The phthalate free Allura collection is REACH\* compliant and produced in Europe with low emission levels.

The excellent dimensional stability ensures safe and hygienic floors as dirt isn't trapped in the seams. Available in natural stress reducing designs and high LRV's, choosing Allura means you are choosing to create better indoor & outdoor environments.

\* Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) address the production and use of chemical substances and their potential impacts on both human health and the environment.

1634 | 1492





allura®

w60286

allura®

w60343

PROJECT VINYL



98 Allura \* designed with natural colour variation ↗ 2 sided bevelled ↗ ↘ 4 sided bevelled ⊕ in register embossing | hungarian point size



Allura 99





w60664 | w60269

 w61241 - 100 x 15 cm	 w60078 - 120 x 20 cm ↗ ↘	 w60071 - 100 x 15 cm	 w60082 - 120 x 20 cm ↗ ↘ ⊕	 w60085 - 120 x 20 cm ↗ ↘ ⊕	 w60075 - 120 x 20 cm ↗ ↘
 w60293 - 120 x 20 cm ↗ ↘	 w60084 - 120 x 20 cm ↗ ↘ ⊕	 w60064 - 120 x 20 cm	 w60292 - 120 x 20 cm ↗ ↘	 w60295 - 120 x 20 cm ↗ ↘	 w60065 - 120 x 20 cm
 w60074 - 120 x 20 cm ↗ ↘	 w60484 - 100 x 15 cm ↗ ↘	 w60489 - 100 x 15 cm ↗ ↘	 w60297 - 100 x 15 cm ↗ ↘	 w60294 - 120 x 20 cm ↗ ↘	 w60063 - 100 x 15 cm ↗ ↘   w60056 - 50 x 15 cm ↗ ↘   w60055 - 90 x 15 cm ↗ ↘ ⊕
 w60298 - 100 x 15 cm ↗ ↘	 w60381 - 100 x 15 cm ↗ ↘	 w60664 - 120 x 20 cm	 w60664 - 120 x 20 cm	 w60387 - 100 x 15 cm ↗ ↘   w60388 - 50 x 15 cm ↗ ↘   w60389 - 90 x 15 cm ↗ ↘ ⊕	 w60389 - 90 x 15 cm ↗ ↘ ⊕

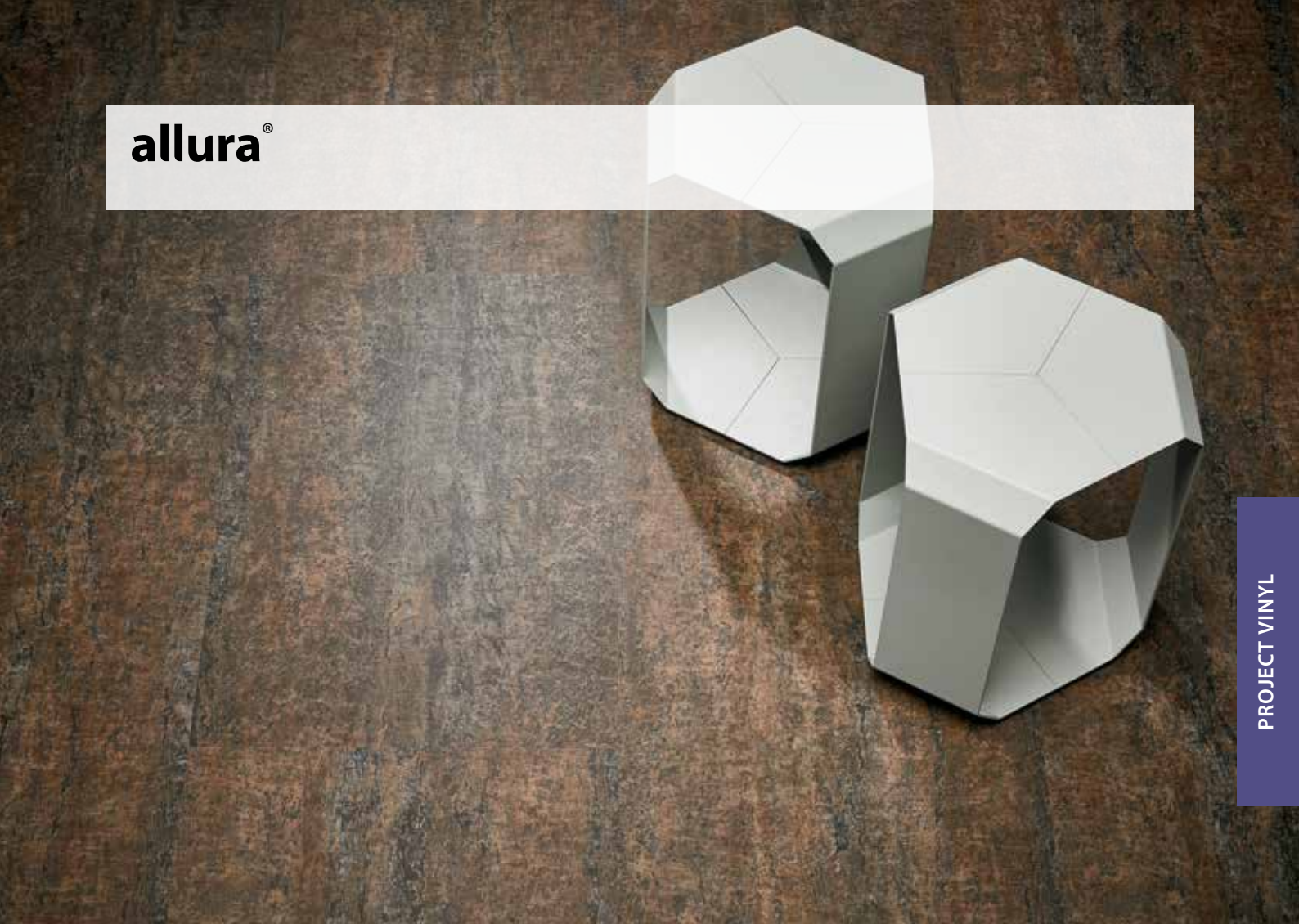


allura®



s62534 | a63499

allura®



s62569

				
s62534 - 50 x 50 cm ↙↘	s62522 - 50 x 50 cm   s62512 - 100 x 100 cm	s62523 - 50 x 50 cm   s62513 - 100 x 100 cm	s62418 - 50 x 50 cm   s62518 - 100 x 100 cm	s62419 - 50 x 50 cm   s62519 - 100 x 100 cm
mist texture	natural concrete	grigio concrete	charcoal concrete	nero concrete
				
s62536 - 50 x 50 cm ↙↘	s62538 - 50 x 50 cm ↙↘	s62408 - 50 x 50 cm	s62404 - 50 x 50 cm	
smoke texture	shaded texture	grey slate	black slate	

			
s62339 - 100 x 100 cm	s62337 - 100 x 100 cm	a63603 - 50 x 50 cm ↙↘	a63604 - 50 x 50 cm ↙↘
warm traces of time	cool traces of time	bronze weave	graphic weave
			
a63625 - 50 x 50 cm	a63624 - 50 x 50 cm	s62569 - 75 x 50 cm	s62567 - 75 x 50 cm
nickel metal brush	silver metal brush	canyon hybrid	meteor hybrid

PROJECT VINYL

↙↘ 4 sided bevelled

↙↘ 4 sided bevelled

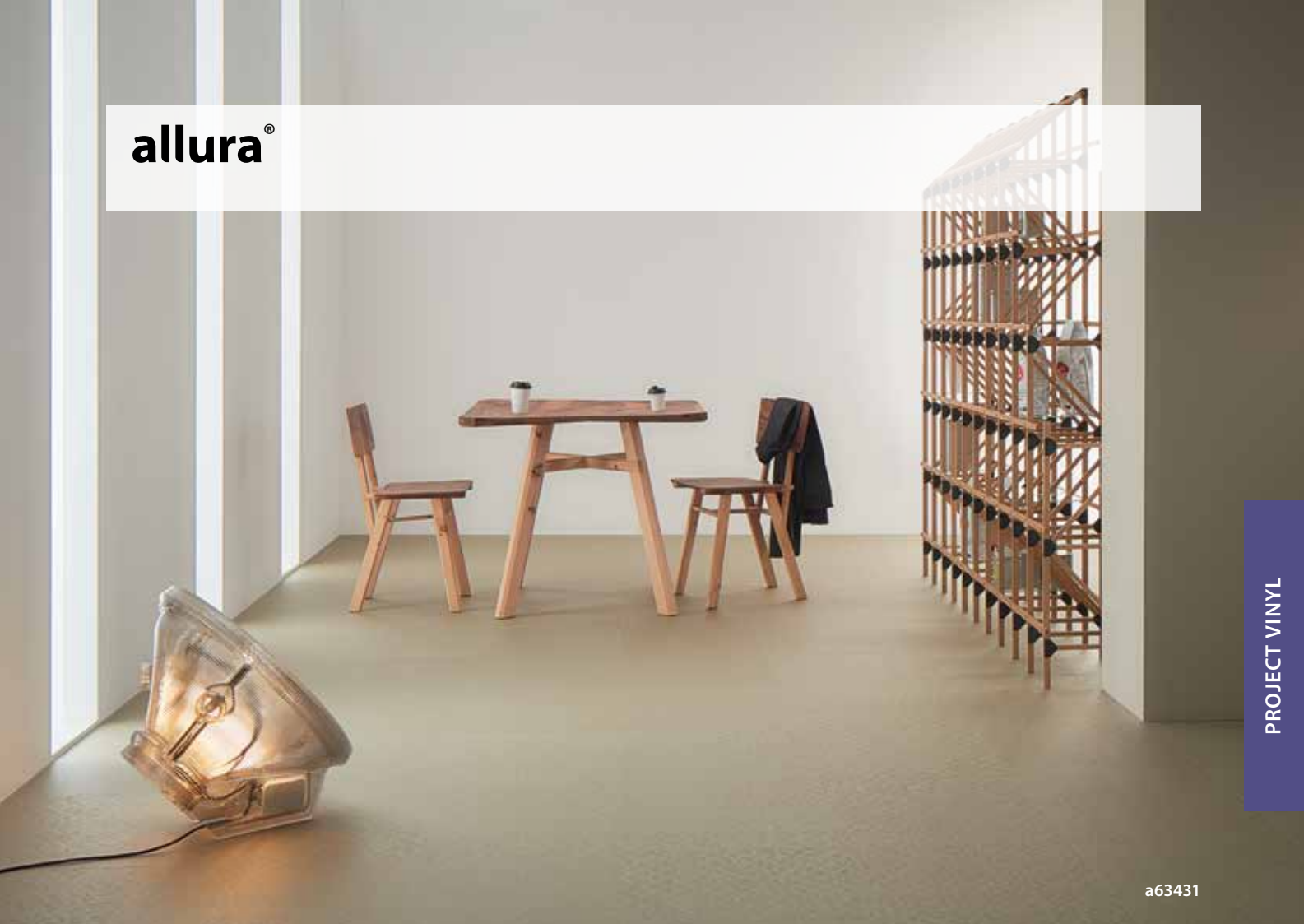


allura®



s62584 | s62582

allura®



a63431

PROJECT VINYL



bianco marble

silver grey marble

oblique marble

carrara marble

aurora marble

4 sided bevelled



silver gradient

silver satin

shadow satin

champagne satin

blush satin

golden gradient

amber loam

earth loam

light loam

grey loam

4 sided bevelled

gradient design



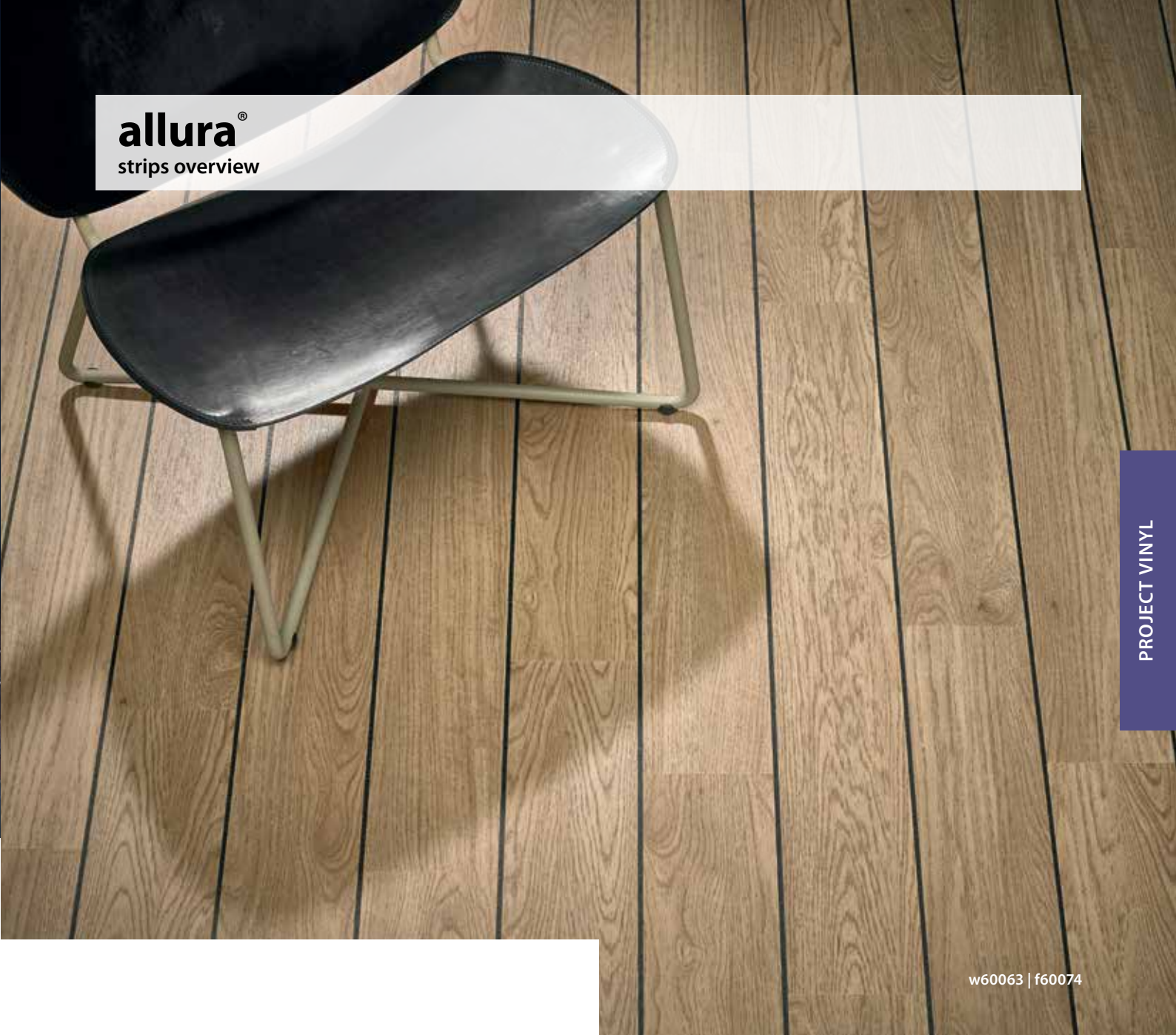
allura®



a63453

allura®

strips overview



PROJECT VINYL

w60063 | f60074



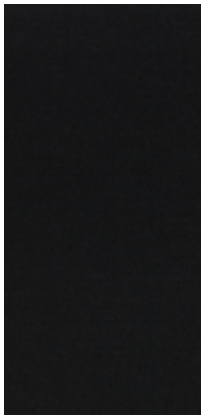
space

galaxy

fluid



white



black



ochre



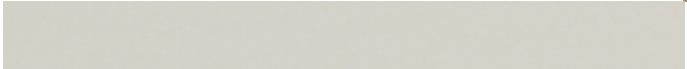
ocean



red



admiral



f63491 | white



f63487 | black



f62416 | grigio concrete



f61255 | natural seagrass



f61257 | timber seagrass



f60074 | black rustic oak



f63624 | silver metal brush

Format strips: 100 x 0,5 cm

Allura strips are used to either simulate partitions in certain designs, such as grout lines or accentuate the tile section in f.e. a ship plank design.



# allura flex

## Premium loose lay tiles

Allura Flex is a collection of high quality, dimensionally stable, heterogeneous loose lay vinyl tiles and planks which are adhered with tackifier that allows post use removal. The design concept of Allura Flex consists of the most realistic wood designs in the market, but also essential concretes and interesting textile and colour effects. The 43 designs offer a large design freedom; also in larger sizes and the specific Hungarian Point format and are easy to combine. The collection offers something for all commercial floors, also in use alongside carpet tiles because of the 5 mm gauge. Allura Flex has a 1 mm transparent wear layer and proven PUR finish.

The Forbo exclusive combination of functional layers, including a strong glass fleece carrier, makes Allura Flex unprecedented in dimensional stability, strength, performance and quality. Beautiful designs in wood, stone and brights that are easy to install, resulting in stunning and reliable floors.

For increased flexibility, a selection of 34 designs are available in not only loose lay but also fully adhered and click formats.

## DESIGN INNOVATION

- Beautiful wood, stone and bright designs offered across 43 plank and tile formats
- Realistic embossing structures bring every Allura Flex design to life
- Available in a variety of sizes, including XL tile and plank formats

## DURABILITY PERFORMANCE

- Scratch and stain proof by hard, yet flexible top layer with best appearance retention
- Best dimensionally stable avoiding seam gaps appearing over time
- Only functional layers that enhance the performance of the product

## SUSTAINABLE EASY

- Manufactured with green electricity and 100% phthalate free
- Over 50% recycled content in the backing layer
- Easy to clean and maintain through specially embossed top-layer

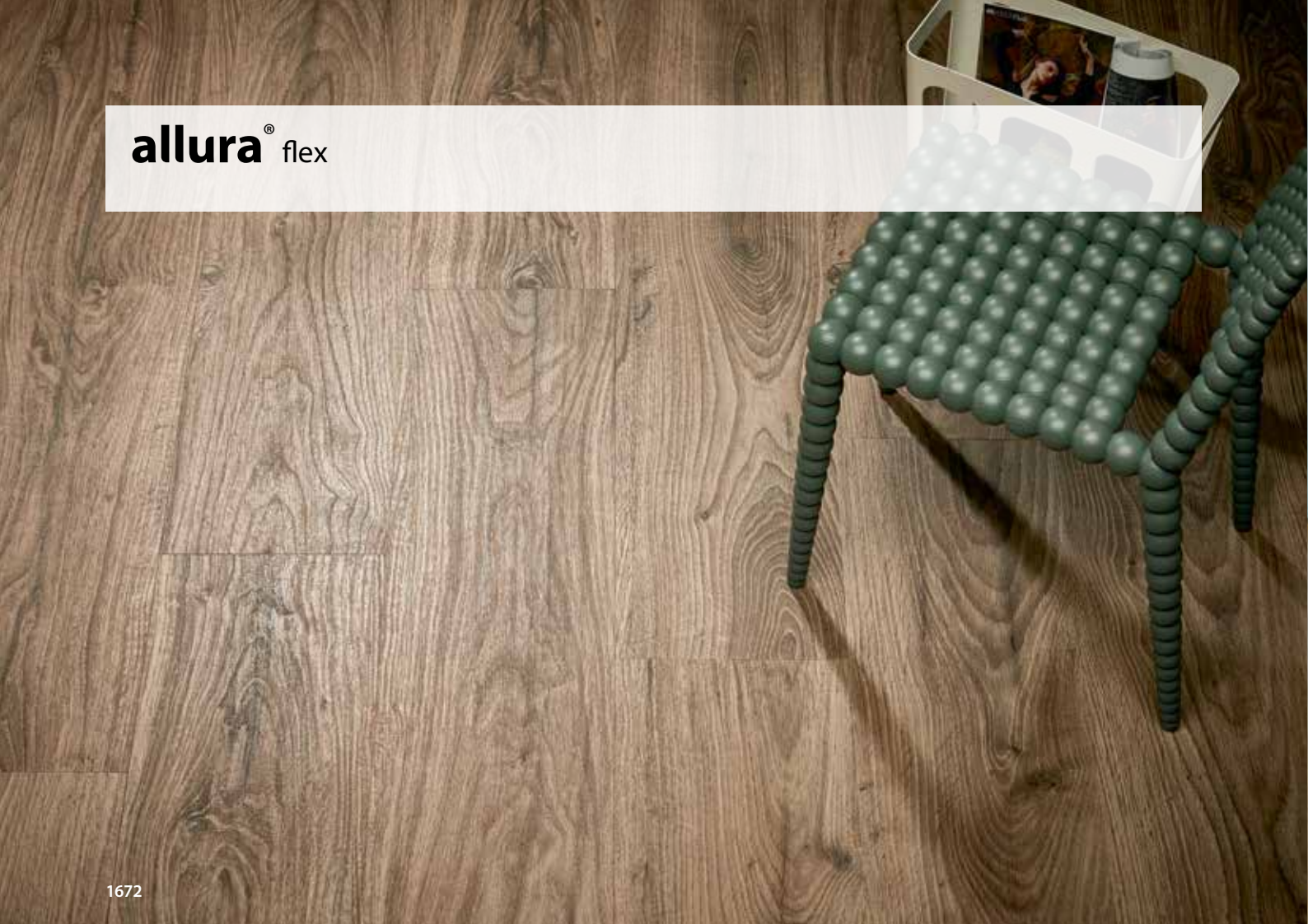


The phthalate free Allura collection is REACH\* compliant and produced in Europe with low emission levels.

The excellent dimensional stability ensures safe and hygienic floors as dirt isn't trapped in the seams. Available in natural stress reducing designs and high LRV's, choosing Allura means you are choosing to create better indoor & outdoor environments.

\* Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) address the production and use of chemical substances and their potential impacts on both human health and the environment.





**allura®** flex

1672

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**allura<sup>®</sup> flex**

PROJECT VINYL

9073

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## PROJECT VINYL





allura<sup>®</sup> flex



1623



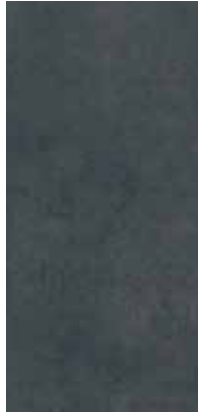
natural concrete



grigio concrete



charcoal concrete



nero concrete



white sand



taupe sand



cool sand



black slate

allura<sup>®</sup> flex



PROJECT VINYL

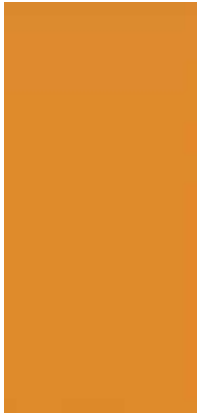
1506 | 9017



halcyon blue



gecko green



fox orange



lobster red





blanco marble



sky marble



oyster marble



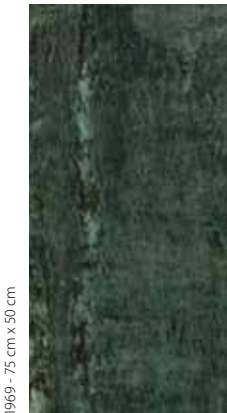
silt concrete



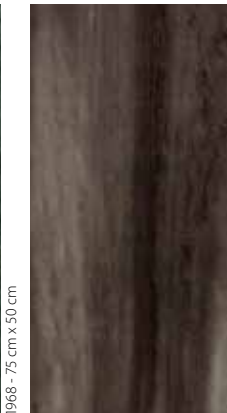
natural concrete



canyon hybrid



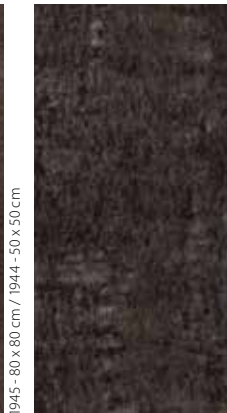
malachite hybrid



nero marble



carbon concrete



meteor hybrid





1911 | 1912 | 1915



smoked rough oak



chalked rough oak



blond rough oak



classic rough oak



burned rough oak



bleached oak



weathered oak



pure oak



roasted oak



steamed oak



shadow oak



berry oak



denim oak



petrol oak



light blue pine



light green pine



1977 dark green pine



light grey pine



dark grey pine



dark blue pine



smoke solid oak



earth solid oak



seaweed solid oak



eggplant solid oak



charcoal solid oak

The inviting realistic Wood designs complement office, retail, leisure and hospitality spaces. Allura Flex 0.55 Wood planks are available in 3 plank sizes: 20 x 100 , 20 x 120 and 28 x 150 cm.



With 18 energetic colours Allura Flex Decibel is looking stunning with an impact sound reduction of 19dB. Although it is a much lighter product than conventional loose lay tiles, the innovative double glass fleece construction offers similar speedy installation properties and dimensional stability. Flex Decibel offers a quick installation solution in, for example, busy offices, housing projects and communal and retail spaces.

45132

 45319 - 100 x 20 cm / 435319 - 50 x 50 cm	 45311 - 100 x 20 cm / 435311 - 50 x 50 cm	 45113 - 100 cm x 20 cm	 45113 - 100 cm x 20 cm	 45132 - 100 cm x 20 cm	 435569 - 50 cm x 50 cm
charcoal graphic seagrass	alabaster graphic seagrass	oyster seagrass	bamboo seagrass	timber seagrass	nero concrete
 435582 - 50 x 50 cm	 435581 - 50 x 50 cm	 435560 - 50 x 50 cm	 435563 - 50 x 50 cm	 435561 - 50 x 50 cm	 435562 - 50 x 50 cm
grey tie	light grey tie	white concrete	grigio concrete	grey concrete	natural concrete
 435584 - 50 x 50 cm	 435738 - 50 x 50 cm	 435747 - 50 x 50 cm	 435746 - 50 x 50 cm	 435736 - 50 x 50 cm	 435737 - 50 x 50 cm
taupe tie	lime sandstone	aqua sandstone	orange sandstone	red sandstone	violet sandstone





## allura click

Allura Click, Luxury Vinyl Tile

The Allura Click collection consists of 38 elegant designs in wood and stone decors. Realistic plank sizes, natural embossing and true tone colours make every item unique. The Click planks and tiles can be quick and easily installed thanks to our proven and patented click system. Protected by our exclusive lacquering system it will stand the test of time.

Allura Click is produced in Europe and includes Forbo's unique glass fleece construction for dimensional stability. The click system can be angled down, creating a perfect floor installation. Forbo always emphasizes a proper subfloor preparation as a guarantee that the product can be installed without any requirement for flooring adhesives, resulting in a beautifully finished and functioning floor solution.

### DESIGN INNOVATION

- Exclusive wood and stone designs offered in different sizes
- Realistic embossing structures bring every Allura Click design to life
- Bevelled wood planks for enhanced realism

### DURABILITY PERFORMANCE

- Embossed lacquering systems ensure lasting appearance retention
- Scratch and stain proof by hard, yet flexible top layer
- Best dimensionally stable avoiding seam gaps appearing over time
- Patented locking systems ensure a strong and lasting connection

### SUSTAINABLE EASY

- Manufactured with green electricity and 100% phthalate free
- Recyclable and easy to repair
- Time optimal, quick and easy installation also suitable for mid-size installations
- Easy to clean and maintain through specially embossed top-layer



The phthalate free Allura collection is REACH\* compliant and produced in Europe with low emission levels. The excellent dimensional stability ensures safe and hygienic floors as dirt isn't trapped in the seams. Available in natural tranquil and pleasing designs and high LRV's. A choice for Allura means a choice for creating a better quality indoor environment.

\* Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) address the production and use of chemical substances and their potential impacts on both human health and the environment.



allura® click

allura® click

PROJECT VINYL

cc60350

cc60284

	 cc60293 - 121,2 x 18,7 cm 4	 cc60375 - 121,2 x 18,7 cm 4	 cc60376 - 121,2 x 18,7 cm 4	 cc60373 - 121,2 x 18,7 cm 4	 cc60374 - 121,2 x 18,7 cm 4
	steamed oak	grey collage oak	chocolate collage oak	golden collage oak	natural collage oak
 cc60295 - 121,2 x 18,7 cm 4	 cc60078 - 121,2 x 18,7 cm 4		 cc60074 - 121,2 x 18,7 cm 4	 cc60356 - 121,2 x 18,7 cm 4	 cc60353 - 121,2 x 18,7 cm 4
pure oak	light rustic oak	black rustic oak	* grey autumn oak	* white autumn oak	* classic autumn oak

 cc60306 - 150,5 x 23,7 cm 4 ⊕	 cc60305 - 150,5 x 23,7 cm 4 ⊕	 cc60300 - 150,5 x 23,7 cm 4 ⊕	 cc60302 - 150,5 x 23,7 cm 4 ⊕
rustic anthracite oak	light honey oak	central oak	deep country oak
 cc60280 - 150,5 x 23,7 cm 4	 cc60286 - 150,5 x 23,7 cm 4	 cc60284 - 150,5 x 23,7 cm 4	 cc60282 - 150,5 x 23,7 cm 4
grey giant oak	white giant oak	natural giant oak	dark giant oak





cc60085



cc63776

PROJECT VINYL



black pine



grey seagrass



natural seagrass



weathered rustic pine



bleached rustic pine



natural rustic pine



red cherry



classic beech



honey elegant oak



whitewash elegant oak



nero concrete



charcoal concrete



natural concrete



grigio concrete



black slate



graphite weave



silver stream

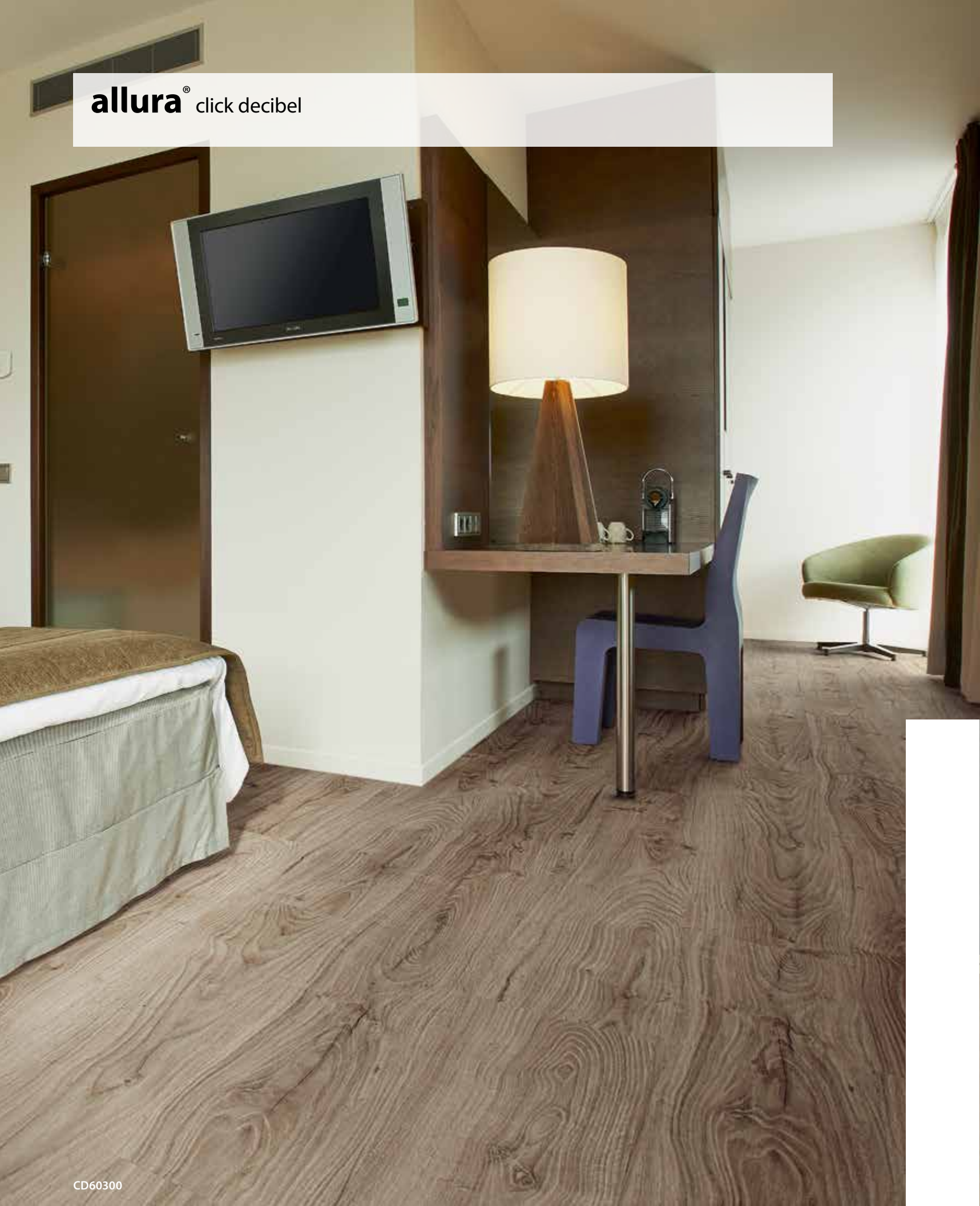


taupe sand



white sand





CD60300

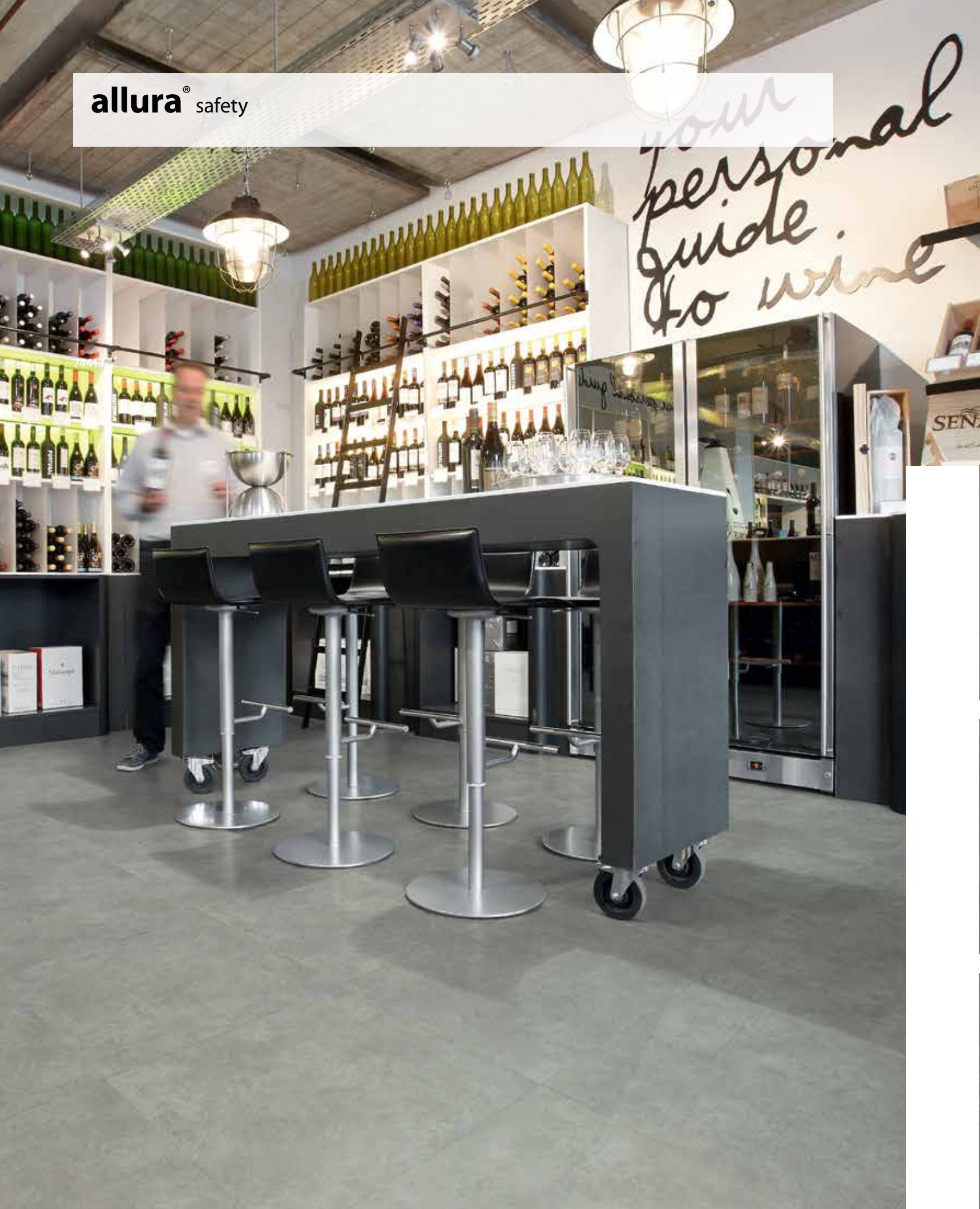
Allura Click Decibel is an innovative combination of our regular Allura Luxury Vinyl Tile on top of a stable, noise reducing combination of HDF and Forbo PU underlay.

- LVT that brings acoustical impact noise reduction of 19 dB
- Time saving of 20% thanks to the integrated sub floor
- An economical solution to cover old soils, including asbestos (according to current regulations)
- Ideal thickness in combination with tiles or carpet tiles



4 4 sided bevelled    ⊕ in register embossing





nero concrete



natural concrete



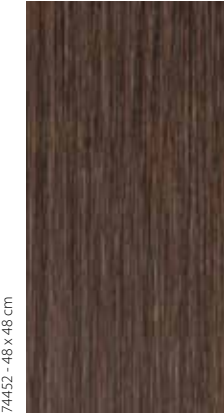
grigio concrete



warm concrete



black seagrass



timber seagrass



natural seagrass



oyster seagrass



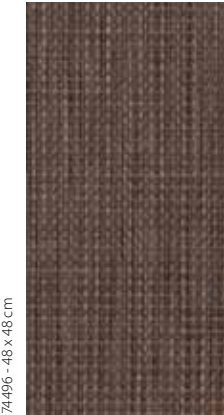
white seagrass



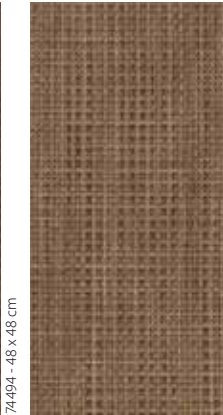
nickel metal brush



indigo textile



coloured textile



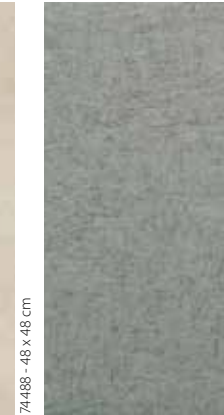
natural textile



silver sand



white sand



silver metal brush

Magic things happen when our Allura luxury vinyl tiles meet our Step slip-resistant floors. Combining Step Crystals with our most appropriate Allura LVT designs, Allura Safety is the first flooring to combine the looks and performance of LVT with the safety properties of our Step floors.






















c68019 | c68031 | c68025

Whether you are looking for a bright colourful floor, or where you would like to have a natural stone like appearance, Allura colour has the solution. The designs are available in 24 colours, each with a matching chipmix of coloured and transparent particles. Allura colour floors are vibrant and hardwearing, an ideal combination for tough environments that still want to show a difference.

















					
c68011   chalk	c68020   champagne	c68012   pearl grey	c68014   cafe au lait	c68018   faded brown	c68027   olive black
					
c68019   light grey	c68013   cement	c68030   slate green	c68015   dark lead	c68026   cool grey	c68036   charcoal
					
c68024   pale green	c68025   chartreuse	c68022   acid yellow	c68021   curry	c68031   orange	c68032   signal red
					
c68029   pale jade	c68023   light blue	c68028   lavender	c68035   marine blue	c68033   raspberry	c68034   burgundy



Technical specifications: **allura**

			Allura 0.70	Allura 0.55	Flex	Flex 0.55	Click
	Total thickness	EN-ISO 24346	2.5 mm	2.5 mm	5 mm	4 mm	5 mm
	Wearlayer thickness	EN-ISO 24340	0.70 mm	0.55 mm	1 mm	0.55 mm	0.55 mm
	Collection size		112	112	43	43	38
	Domestic use	EN-ISO 10874	23	23	23	23	23
	Commercial/light industrial use	EN-ISO 10874	34/43	33/42	34/42	33/42	33
	Tile size	EN-ISO 24342	50 x 50 cm / 75 x 25 cm / 75 x 50 cm / 75 x 75 cm / 100 x 100 cm	50 x 50 cm / 75 x 25 cm / 75 x 50 cm / 75 x 75 cm / 100 x 100 cm	50 x 50 cm / 100 x 100 cm	50 x 50 cm / 100 x 100 cm	60 x 31.7 cm
	Plank size	EN-ISO 24342	50 x 15 cm / 100 x 15 cm / 120 x 20 cm / 150 x 28 cm / 180 x 32 cm / HP 90 x 15 cm	50 x 15 cm / 100 x 15 cm / 120 x 20 cm / 150 x 28 cm / 180 x 32 cm / HP 90 x 15 cm	100 x 20 cm / 120 x 20 cm / 150 x 28 cm / HP 120 x 20 cm	100 x 20 cm / 120 x 20 cm / 150 x 28 cm / HP 120 x 20 cm	121.2 x 18.7 cm / 150.5 x 23.7 cm
	Packaging per carton tiles		3 m² (12 pcs) / 4.5 m² (24 pcs) / 3.75 m² (10 pcs) / 0.56 m² (1 pce) / 1 m² (1 pce)	3 m² (12 pcs) / 4.5 m² (24 pcs) / 3.75 m² (10 pcs) / 0.56 m² (1 pce) / 1 m² (1 pce)	2.5 m² (10 pcs) / 1 m² (1 pce)	2.5 m² (10 pcs) / 1 m² (1 pce)	1.90 m² (10 pcs)
	Packaging per carton planks		3 m² (40 pcs) / 3 m² (20 pcs) / 2.88 m² (12 pcs) / 4.2 m² (10 pcs) / 4.6 m² (8 pcs) / 4.5 m² (40 pcs)	3 m² (40 pcs) / 3 m² (20 pcs) / 2.88 m² (12 pcs) / 4.2 m² (10 pcs) / 4.6 m² (8 pcs) / 4.5 m² (40 pcs)	2 m² (10 pcs) / 2.4 m² (10 pcs) / 2.52 m² (6 pcs) / 2.4 m² (12 pcs)	2 m² (10 pcs) / 2.4 m² (10 pcs) / 2.52 m² (6 pcs) / 2.4 m² (12 pcs)	1.81 m² (8 pcs) / 2.14 m² (6 pcs)
	Squareness and straightness	EN-ISO 24342	< 400 mm < 0.25 mm > 400 mm < 0.35 mm	< 400 mm < 0.25 mm > 400 mm < 0.35 mm	< 400 mm < 0.25 mm > 400 mm < 0.35 mm	< 400 mm < 0.25 mm > 400 mm < 0.35 mm	< 400 mm < 0.25 mm > 400 mm < 0.35 mm
	Total weight	ISO 23997	ca 3600 g/m²	ca 3400 g/m²	ca 6550 g/m²	ca 5200 g/m²	8300 gr/m²
	Wearlayer binder content	EN-ISO 10582	Type 1	Type 1	Class T	Class T	Type 1
	Slip resistance	DIN 51130	R10	R10	R10	R10	R10
	Acoustical impact noise reduction	EN ISO 717-2	6 dB	6 dB	14 dB	14 dB	7 dB / 15 dB in combination with Forbo underlay
	Castor chair continuous use	ISO 4918	Superior	Very good	Superior	Very good	Good with and without Forbo underlay
	Residual indentation <i>Typical value</i>	ISO 24343-1	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.20 mm ~ 0.11 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.05 mm
	Light fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	VOC emissions	ISO 16000-9	≤ 100 µg/m³	≤ 100 µg/m³	≤ 110 µg/m³	≤ 110 µg/m³	≤ 160 µg/m³
	Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good	Very good	Very good
	Dimension stability (after exp. to heat)	EN-ISO 23999	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%
Allura meets the requirements of EN 14041			EN 14041 CE 0200130-DoP-306	EN 14041 CE 0200130-DoP-306	EN 14041 CE 0200131-DoP-507	EN 14041 CE 0200131-DoP-507	EN 14041 CE 0200132_DoP_701
	Reaction to fire	EN 13501	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1 with and without Forbo underlay
	Slip resistance	EN 13893	DS - µ > 0.30	DS - µ > 0.30	DS - µ > 0.30	DS - µ > 0.30	DS - µ > 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV

Technical specifications: **allura**

			Allura Click Decibel	Allura Flex Decibel	Allura Safety	Allura Colour
	Total thickness	EN-ISO 24346	10 mm	3.45 mm	2.5 mm	2 mm
	Wearlayer thickness	EN-ISO 24340	0.55 mm	0.65 mm	0.7 mm	1 mm
	Collection size		9	18	16	24
	Residential use	EN-ISO 10874	23	-	-	-
	Commercial use	EN-ISO 10874	33	33	34	34
	Light industrial use	EN-ISO 10874	-	42	43	43
	Tile size	EN-ISO 24342	60 x 31.7 cm	50 x 50 cm	48 x 48 cm	61 x 61 cm
	Plank size	EN-ISO 24342	121.2 x 18.7 cm / 150.5 x 23.7 cm	20 x 100 cm	-	-
	Total weight	ISO 23779	ca 9800 g/m²	ca 2800 g/m²	ca 3600 g/m²	ca 3100 g/m²
	Slip resistance	DIN 51130	R10	R9	R10	R9
	Acoustical impact noise reduction	EN ISO 717-2	19 dB	19 dB	6 dB	14 dB
	Castor chair continuous use	ISO 4918	Very good	Very good	Superior	Very good
	Residual indentation	ISO 24343-1	≤ 0.05 mm	≤ 0.12 mm	≤ 0.04 mm	≤ 0.04 mm
	Light fastness	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6
	Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good	Excellent
	Dimensional stability	EN-ISO 23999	≤ 0.05%	≤ 0.10%	≤ 0.05%	≤ 0.05%
Allura meets the requirements of EN 14041			EN 14041 CE 0200140-DoP-503	EN 14041 CE 0200935-DoP-410	EN 14041 CE 0200102_DOP_411	EN 14041 CE 0200130_DOP_306
	Reaction to fire	EN 13501	B <sub>f</sub> -s1	C <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1
	Slip resistance	EN 13893	DS - µ > 0.30	DS - µ > 0.30	DS - µ > 0.30	DS - µ > 0.50
	Thermal conductivity	EN 12524	-	0.25 W/mK	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	-	< 2 kV	< 2 kV	< 2 kV



# SPHERA HOMOGENEOUS VINYL

**Forbo Sphera is setting new standards in homogeneous vinyl flooring. It is produced in our brand new manufacturing plant where all the latest insights and technology have been used to create smart and innovative solutions. The result: a premium homogeneous vinyl floor covering!**

Our Sphera flooring adds character and style to floors across numerous applications. Whether in demanding, hygienic healthcare environments, in flexible, multi-purpose modern public buildings or in education facilities and offices where durability and colour are key.

## Design & colour

- A new technology delivers bright and saturated hues, resulting in striking colourtones, many with high light reflection values (LRV)
- Sphera offers a balanced palette of 62 colours that coordinates well with other Forbo floor coverings like Marmoleum and textile flooring.

## Technology & sustainability

- State of the art steel-belt press and thermofix technology provide consistent quality
- Green energy and zero waste technology ensure efficient and sustainable manufacturing
- Sphera can contribute to a healthy indoor environment by phthalate free manufacturing & low emissions

## Performance & durability

- A unique embossing process following lacquer application delivers durable performance
- In-line coating and subsequent embossing process provides superior appearance
- The evenly distributed top-layer provides superior all over protection
- The SMART-top surface finish ensures that Sphera has a high resistance to chemicals, scratches and stains
- Sphera achieves the highest abrasion wear rating group T tested to EN660-2

## Forbo's homogeneous flooring **technology**



Uniquely embossed surface for optimal performance



**SMART top**  
Resists stains and scratches



High LRV's and bright, saturated hues



Low emitting and 100% phthalate free



Produced in a zero waste environment





Forbo Sphera is setting new standards in homogeneous vinyl flooring because of its design, technology and performance. Sphera Element offers a 62 fresh, light and contemporary colour palette which adds a sophistication to floor design. The collection includes warm and cool neutrals which complement interior finishes such as wood and stone along with pastels and bright accent colours for areas requiring way-finding or zoning.

50002   white neutral grey	50007   grey sky	50012   mist	50017   ivory	50022   shell	50027   fog
50003   light neutral grey	50008 silver grey	50013   smog	50018   mortar	50023   sand	50028   greige
50004   mid neutral grey	50009   lead	50014   smoke	50019   clay	50024   stone	50029   taupe
50005   dark neutral grey	50010   iron	50015   basalt	50020   silt	50025   earth	50030   moleskin
50006   anthracite	50011   steel	50016   ash	50021   truffle	50026   mud	50031   coal

50018 | 50025





50045 | 50000

50032   soft lilac	50036   water	50043   cloud	50000   white	50047   pale green	50051   butter
50033   dimgray	50037   china blue	50040   azure	50044   turquoise	50048   pistachio	50052   custard
50034   amethyst	50038   blueberry	50041   pacific	50045   jade	50049   yellow green	50053   sun
50035   purple heart	50039   navy	50042   cerulean	50046   teal	50050   olive	50054   amber
50058   carmine	50061   saddle brown	50060   terra	50056   cedar	50059   sahara	50055   powder
50057   tangerine	50001   black				



sphera energetic



50238 | 51211



51222 | vivid lace  
51221 | vivid linen  
51200 | vivid snow  
51226 | vivid mirror  
51229 | vivid morning dew  
51236 | vivid thyme  
51211 | vivid stone  
51202 | vivid concrete  
51216 | vivid pigeon  
51212 | vivid elephant  
51215 | vivid ebony

Sphera homogeneous vinyl floor coverings add character and style to floors across numerous applications. Sphera Energetic has the thrilling sensation of crossing design boundaries, making homogeneous vinyl look different. Energetic offers an intricate pallet of semi plain and larger particle-mix colours. Transparent granules provide for depth and dirt hiding properties. Sphera Energetic is playful and designed to combine with corresponding visuals with vivid highlights. The palette contains 41 solid colours and 11 matching colours with vivid accent chips.




















50200 | snow  
50230 | polar  
50222 | lace  
50208 | almond  
50221 | linen  
50211 | stone  
50226 | mirror  
50205 | inox  
50229 | morning dew  
50223 | frost  
50233 | swedish grey  
50236 | thyme  
50218 | spearmint  
50220 | mineral  
50238 | sea green  
50213 | spring  
50214 | lime  
50201 | yellow  
50239 | ice  
50217 | mystic blue  
50204 | deep sea  
50235 | deep emerald  
50207 | denim  
50240 | Yves Klein blue  
50234 | lilac  
50231 | rosebud  
50210 | mandarin  
50227 | safflower  
50228 | burgundy  
50232 | eggplant  
50237 | mushroom  
50209 | nutmeg  
50219 | dolphin  
50224 | fossil  
50206 | bark  
50225 | masala  
50202 | concrete  
50216 | pigeon  
50212 | elephant  
50215 | ebony  
50203 | pitch black











Technical specifications: **sphera**

Sphera element and energetic meets the requirements of EN-ISO 10582

		element	energetic
	Binder content	EN-ISO 10581	type 1
	Total thickness	EN-ISO 24346	2.0 mm
	Surface finish	SMART top	SMART top
	Collection size	62	52
	Commercial use	EN-ISO 10874	34 very heavy
	Industrial use	EN-ISO 10874	43 heavy
	Roll width	EN-ISO 24341	2 m
	Roll length	EN-ISO 24341	± 25 m
	Total weight	EN-ISO 23997	2.9 kg/m²
	Dimensional stability	EN-ISO 23999	< 0.2 %
	Residual indentation	EN-ISO 24343-1	≤ 0.10 mm, typical value ~ 0.03
	Abrasion resistance	EN 660-2	group T
	Castor chair continuous use	ISO 4918 / EN 425	pass
	Light fastness	ISO 105-B02	≥ 6
	Flexibility	EN-ISO 24344	ø 10 mm
	Resistance to chemicals	EN-ISO 26987	very good
	Slip resistance	DIN 51130	R10
	Wetroom application		yes
	Application on underfloor heating		yes
	TVOC after 28 days	ISO 16000-6	≤ 10 µg/m³

Sphera element and energetic meets the requirements of EN 14041

		EN 14041	EN 14041
			
		0200103-DoP-605	0200103-DoP-605
	Reaction to fire	EN 13501-1	B <sub>s</sub> -s1
	Slip resistance	EN 13893	DS - µ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K



# ETERNAL DESIGN VINYL SHEET

The Eternal collection presents an advanced range of natural wood, stone, textile and colour designs along with some exclusive digitally printed visuals. Eternal is a high tech heterogeneous compact sheet vinyl that fits all general purpose needs in various segments. It is produced with the latest technology containing up to 50% recycled content and is phthalate free.

## Product construction

Eternal is created around a nonwoven, fully impregnated, glass fleece core which provides dimensional stability and allows a lean-development approach, resulting in a sustainable compact, high tech base. Adding to stability and determining the high quality standard of Eternal project vinyl is the optimized calandered backing; a firm yet flexible layer to allow easy installation, even when coving is required or in wetroom applications. The unique and innovative embossed wear layer ensures maximum wear resistance and provides optimal appearance retention. The backing layer of the construction, contains up to 50% re-used content.

## Authenticity

All of the Eternal designs are true originals, created by an in-house team of expert designers who translate the latest trends in classic, contemporary as well as modern and advanced flooring designs that cannot be distinguished from their original material expressions, like wooden and concrete floors.

## PUR Pearl and PUR Wood Pearl

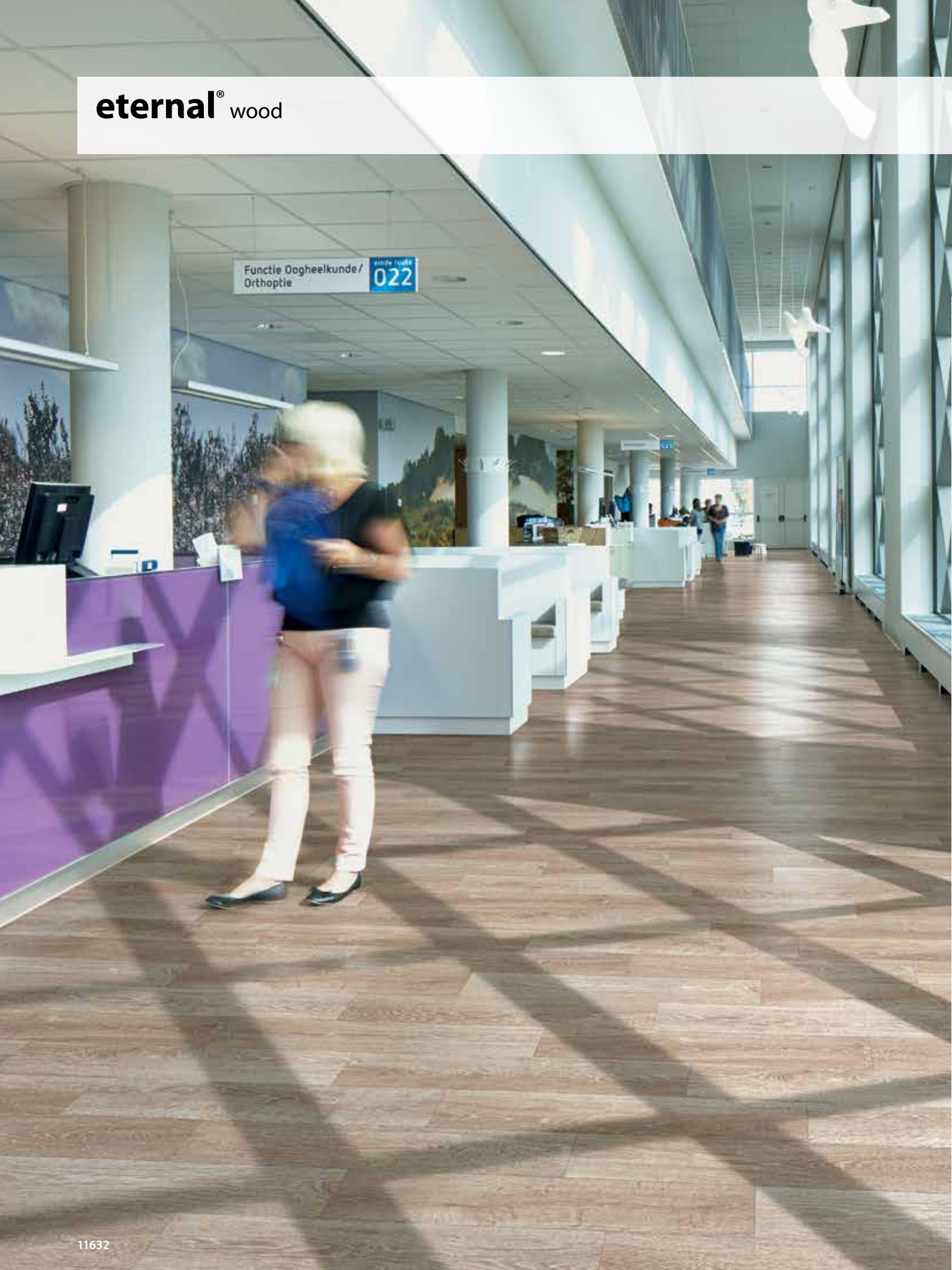
For the majority of our designs Forbo uses it's proven PUR Pearl lacquering protection technique. The application technique for the lacquering layer assures an even amount of lacquering both on top and in the deeper areas of the embossing. It prevents the surface collecting dirt and is the best guarantee for quality and gloss consistency that ensures low maintenance costs.

New in this collection are 8 items that are introduced with a specific PUR Wood embossing, offering the best possible performance on an allover wood grain design with integrated Pearl effect. The mat embossed lacquer layer ensures the highest level of both chemical- and scuff resistance.

## Phthalate free

All Eternal collections are created with the highest environmental stands in mind using the best qualified virgin materials as well as controlled recycled content creating a closed loop production. In addition all items in the Eternal range are phthalate free.





11632



12802 | elegant oak



11962 | limed oak



13972 | natural colourful oak



11632 | light oak



12832 | natural oak



11912 | whitewashed oak



11442 | washed beech



11542 | traditional oak



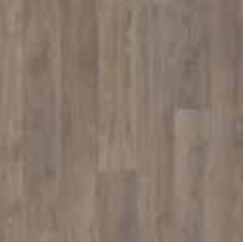
11162 | tropical beech



10362 | warm chestnut



11032 | brushed timber



11952 | steamed oak



11212 | natural pine



11642 | cerusé oak



13402 | aged oak



10232 | dark walnut



11042 | real timber



11222 | white pine



13982 | blue colourful oak



13112 | white painted wood



11652 | vintage oak



11232 | stone pine



10982 | original patchwood



10972 | grey-blue patchwood



13412 | shadow oak



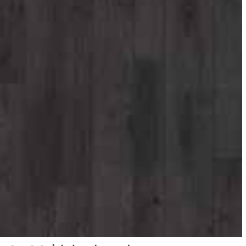
13122 | grey painted wood



11052 | smoked timber



10962 | coal patchwood



13422 | black oak





12422



12932 | grey woven



12942 | indigo woven



13762 | brushed bronze



13712 | brused chrome



13772 | brushed aluminium



10032 | fossil stucco



10022 | loam stucco



10042 | graphite stucco



10012 | pebble stucco



12252 | white stone



12042 | granite stone



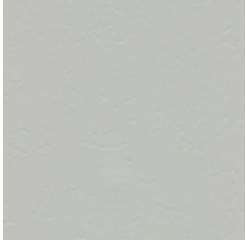
12092 | neutral stone



12012 | quartz stone



12032 | coal stone



42322 | smoke slate



42632 | concrete slate



42252 | mercury slate



42292 | charcoal slate



12622 | sisal textile



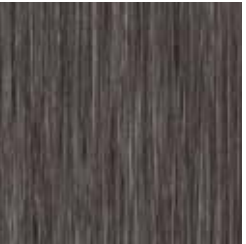
11342 | frost stripe



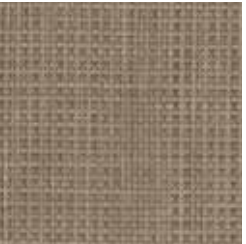
11392 | silver stripe



11372 | bamboo stripe



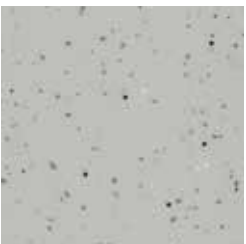
11382 | anthracite stripe



12612 | linen textile



41002 | snow contrast



41322 | smoke contrast



41252 | mercury contrast



41292 | charcoal contrast



12432 | light textured concrete



13002 | silver concrete



40322 | smoke palette



40542 | earth palette



40252 | mercury palette



40292 | charcoal palette



12442 | warm textured concrete



13022 | beton concrete



12422 | grey textured concrete

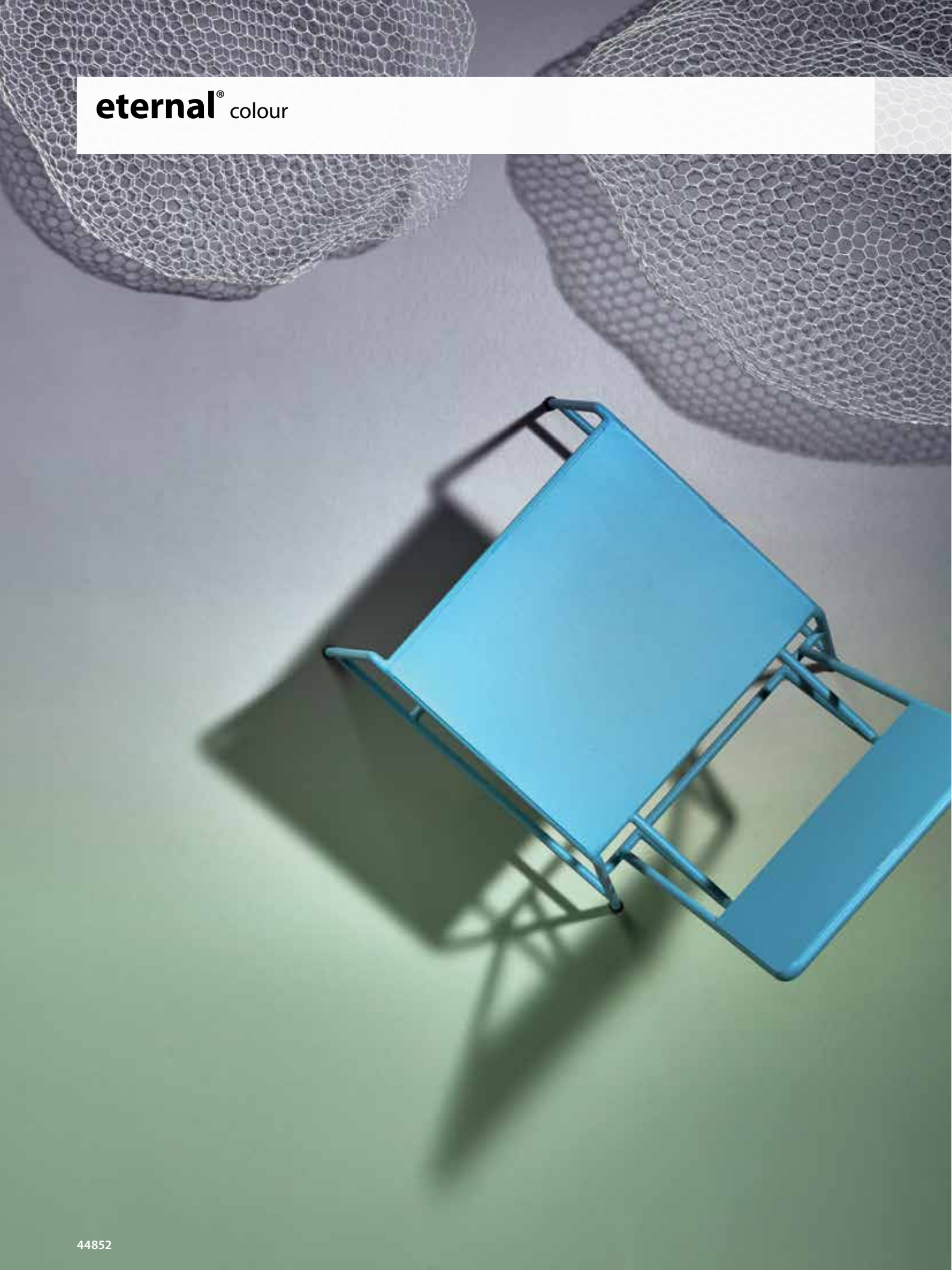


13082 | gravel concrete



13032 | anthracite concrete





44852

				
43002   fog sparkle	43132   tender sparkle	43212   mouse sparkle	43812   taupe sparkle	43382   carbon sparkle
				
43482   dragon sparkle	43432   espresso sparkle	43292   charcoal sparkle	43992   violet sparkle	43172   cream sparkle
				
43692   mint sparkle	43702   jungle sparkle	43592   turquoise sparkle	43982   petrol sparkle	43742   honey sparkle
				
43722   bubblegum sparkle	43492   red sparkle	43602   plum sparkle	43952   eggplant sparkle	43232   night sparkle
				
44832   grey-black shaded space	44862   eggplant-violet gradient		44852   violet-mint gradient	
				
44822   black-white shaded space	44842   mint-turquoise gradient		44872   turquoise-eggplant gradient	
				
44752   rainbow				





All items in our Eternal general purpose vinyl range, except for Eternal digital print, can be made in a contact-acoustic reducing variant that realizes 17dB sound reduction. The minimum order quantity for Eternal Decibel is 4400 m².

Eternal meets the requirements of EN-ISO 10582

	Total thickness	EN-ISO 24346	2.0 mm
	Wear layer thickness	EN-ISO 24340	0.7 mm
	Collection size		96
	Commercial use	EN-ISO 10874	34 very heavy
	Industrial use	EN-ISO 10874	43 heavy
	Roll width	EN-ISO 24341	2 m
	Roll length	EN-ISO 24341	± 25 m
	Total weight	EN-ISO 23997	2.8 kg/m²
	Dimensional stability	EN-ISO 23999	< 0.1 %
	Residual indentation	EN-ISO 24343-1	≤0.05, typical value 0.03
	Abrasion resistance	EN 660-2	group T
	Castor chair continuous use	ISO 4918 / EN 425	no effect
	Light fastness	ISO 105-B02	≥ 6
	Flexibility	EN-ISO 24344	ø 10 mm
	Resistance to chemicals	EN-ISO 26987	very good
	Slip resistance	DIN 51130	R10
	Electrical resistance	EN 1081	R1 > 1·10⁹ Ω
	Water tight installation	EN 13553	Yes

All Eternal products meet the requirements of EN 14041

			EN 14041  0200105-DoP-306
	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1
	Slip resistance	EN 13893	DS - μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m·K





## Digitally printed vinyl

Our design vinyl sheet collection contains a series of digitally printed flooring designs which offer a new dimension in colour and design whilst retaining the full performance specification of the Eternal core collection. This includes a 0.7mm wear layer that ensures maximum wear resistance and excellent appearance retention.

Our advanced digital printing technology has provided our design team with the tools to develop striking visuals that cannot be achieved with conventional print techniques: subtle colour gradients that run along the full length of a roll, a rainbow cascade of colours with no pattern repeat over a 10 metre length, or spectacular geodes of polished gemstones that are available in a custom scaling. In addition to the digital print designs in the core Eternal collection, we also offer bespoke, tailored flooring designs from as little as 12m<sup>2</sup>. So whether you are designing a meeting room, retail interior or creating a spectacular atrium in a school or public building.



## RAINBOW

The Eternal Rainbow design reveals a spectrum of colour gradients over a 10 metre length enabling a rolling cascade of rainbow hues as the first colour follows the last without any break in the pattern. This scale of pattern repeat is only achievable through digital printing technology. Eternal Rainbow is available in 1.95 metre wide rolls and the width can easily be extended to suit wider areas.



11912 | 44752





From Geodes that offer giant 'gemstones' to a 'Petrified Bark' effect that will form a centerpiece in any interior space, this collection brings nature to the floor in a scale not seen before. As each design can be scaled in size, Magnified Nature is ideal for those looking to create an eye catching feature on the floor. The Eternal Magnified Nature designs are supplied as an inset piece which can be inserted into any of the Eternal colourways in the collection. For bespoke flooring projects, the Magnified Nature designs can also be rescaled to fit the required floor.

Suggested floors to combine with:



43982 | petrol sparkle



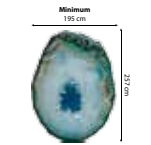
43232 | night sparkle



43592 | turquoise sparkle



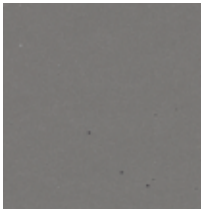
43482 | dragon sparkle



44912 | colourful geode  
43982 | petrol sparkle



43132 | tender sparkle



43812 | taupe sparkle



40322 | smoke palette



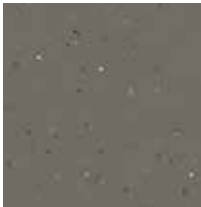
43212 | mouse sparkle



44922 | natural geode  
43002 | fog sparkle



43002 | fog sparkle



40542 | earth palette



43432 | espresso sparkle



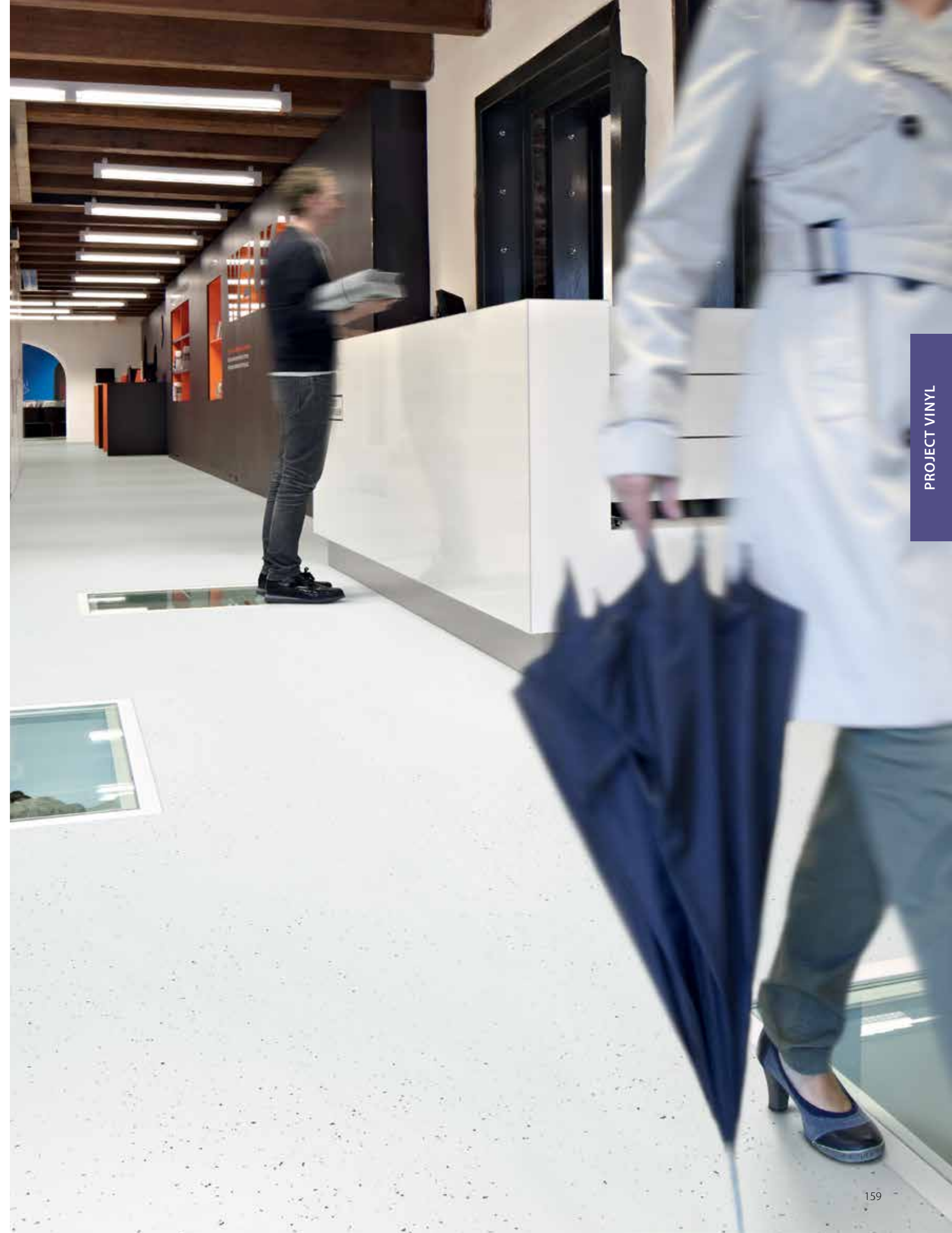
43992 | violet sparkle



44932 | petrified bark  
43002 | fog sparkle



# STEP SAFETY FLOORING







## BY CHOOSING A FORBO SAFETY FLOOR THE NUMBER OF ACCIDENTS CAUSED BY SLIPPING CAN BE REDUCED SIGNIFICANTLY.

Forbo's Step safety vinyl floors have guaranteed life time slip resistant performance and also offer unique solutions for wetroom applications, providing the best 'bare foot', as well as 'bare foot / footwear' non slip solutions. The collection comprises various subranges each with it's own properties, offering a solution for any area that requires a safety floor.

New & unique in the Step range are the slip resistant "Step Crystals", that provide security and contribute to a clean and fresh design, with proven easier cleaning. Step offers the widest range in design in safety flooring, without compromising performance.

### Safety. Design. Confidence.

Our Step safety vinyl collection is unique in many ways. It's a durable floor covering combining outstanding slip resistance (up to R12) with a wide range of design possibilities. The PUR Pearl surface provides superior, long-lasting appearance and performance.

### The collection is divided in 3 ranges:

Surestep (R10), Safestep (R11, R12) and Wetroom floors

### Surestep

All Surestep floors provide R10 slip resistance, are non-slip particle enhanced and can be applied in all types of general walking areas where an increased slip

risk may occur. Typical areas are high traffic areas like corridors, ramps, coffee corners, washrooms, toilet, crafts class rooms and public rooms.

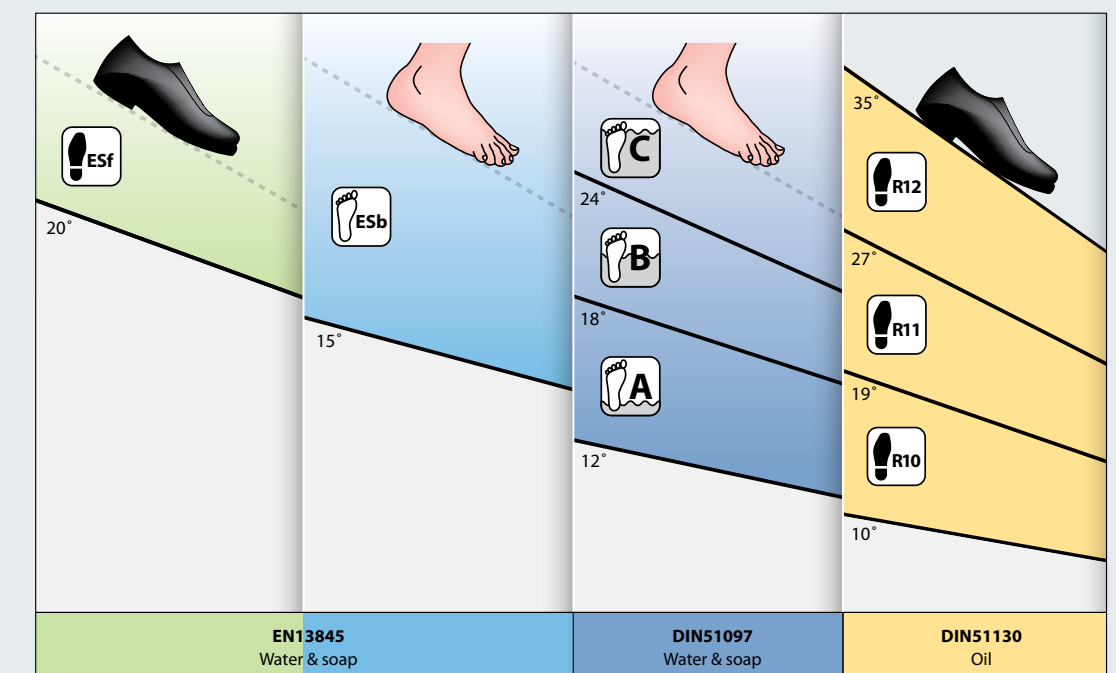
### Safestep

Safestep floors are applicable in areas where a higher slip risk is identified when incidental, accidental or continuous active contamination of the floor occurs. In these areas it is simply not possible to prevent spillage, due to the type of work environment. Typical areas are: professional kitchens, light industrial food production, florist shops, garden centres.

### Wetroom (Surestep Laguna, Safestep Aqua)

Wetroom floor coverings are developed for use in continuously wet areas, where water flows frequently and barefoot traffic is the standard, or a combination of barefoot and footwear traffic occurs. Typical areas are; shower rooms, spa/pool surroundings, changing rooms, locker rooms.

## ANTISLIPVALUES



All Step floors

Surestep Laguna  
Safestep Aqua

Surestep Laguna  
Safestep Aqua



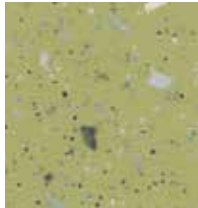
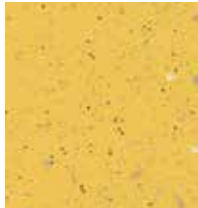





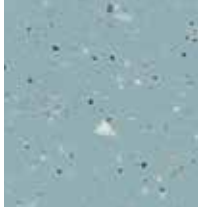
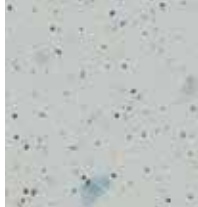


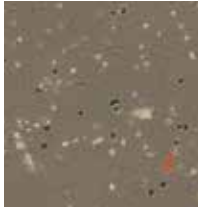


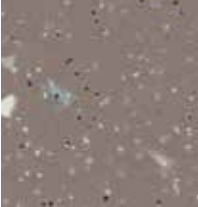

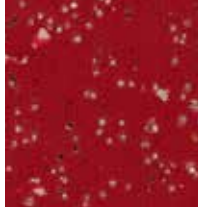

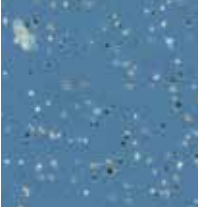



Alle Surestep R10  
Safestep R11 + R12  
Safestep Aqua



**surestep** original

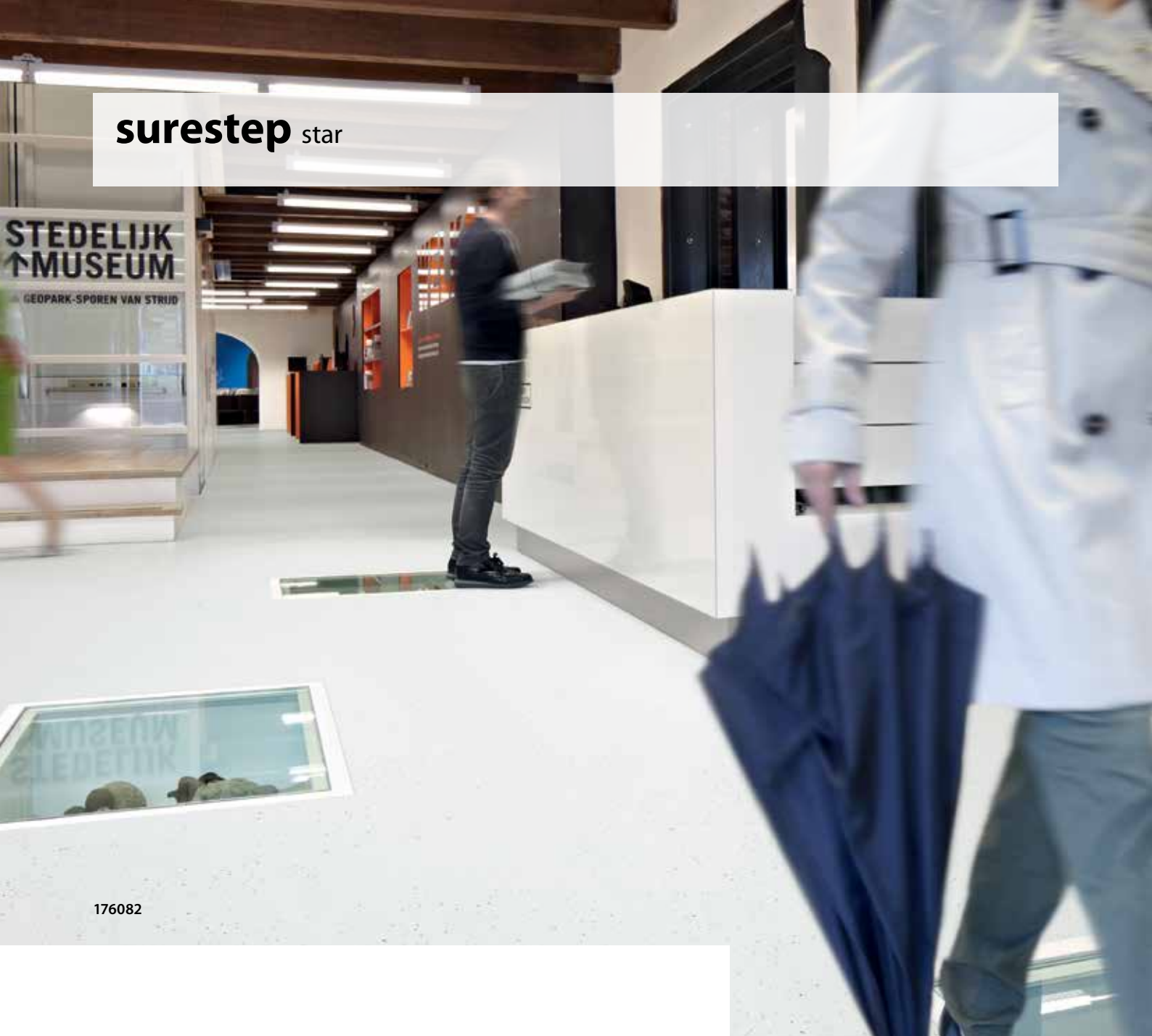


All Surestep floors provide R10 slip resistance, are non-slip particle enhanced and can be applied in all types of general walking areas where an increased slip risk may occur. Typical areas are high traffic areas like corridors, ramps, coffee corners, washrooms, toilet, crafts class rooms and public rooms.

			
17108   snow	17113   blanco	17184   pistachio	17153   sun
			
17151   oyster	17122   dune	17136   clay	17133   violet
			
17130   pale	17171   sky	17142   trout	17103   smoke
			
17144   jade	17126   umber	17173   storm	17160   plum
			
17181   taupe	17195   elephant	17156   pepper	17128   dragon
			
17164   cloudy	17178   night	17196   steel	17199   charcoal



**surestep** star



176082



176082 | snow



17603 | smoke



17642 | trout



17636 | clay



17692 | concrete



17607 | pewter



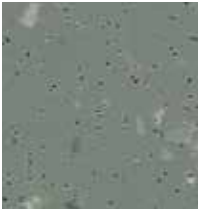
17695 | mercury



17627 | raisin



17669 | mouse



17641 | forest



17626 | umber



17628 | dragon



17698 | carbon

**surestep** mineral



8998



8991 | opal



8992 | cloud



8993 | sepia



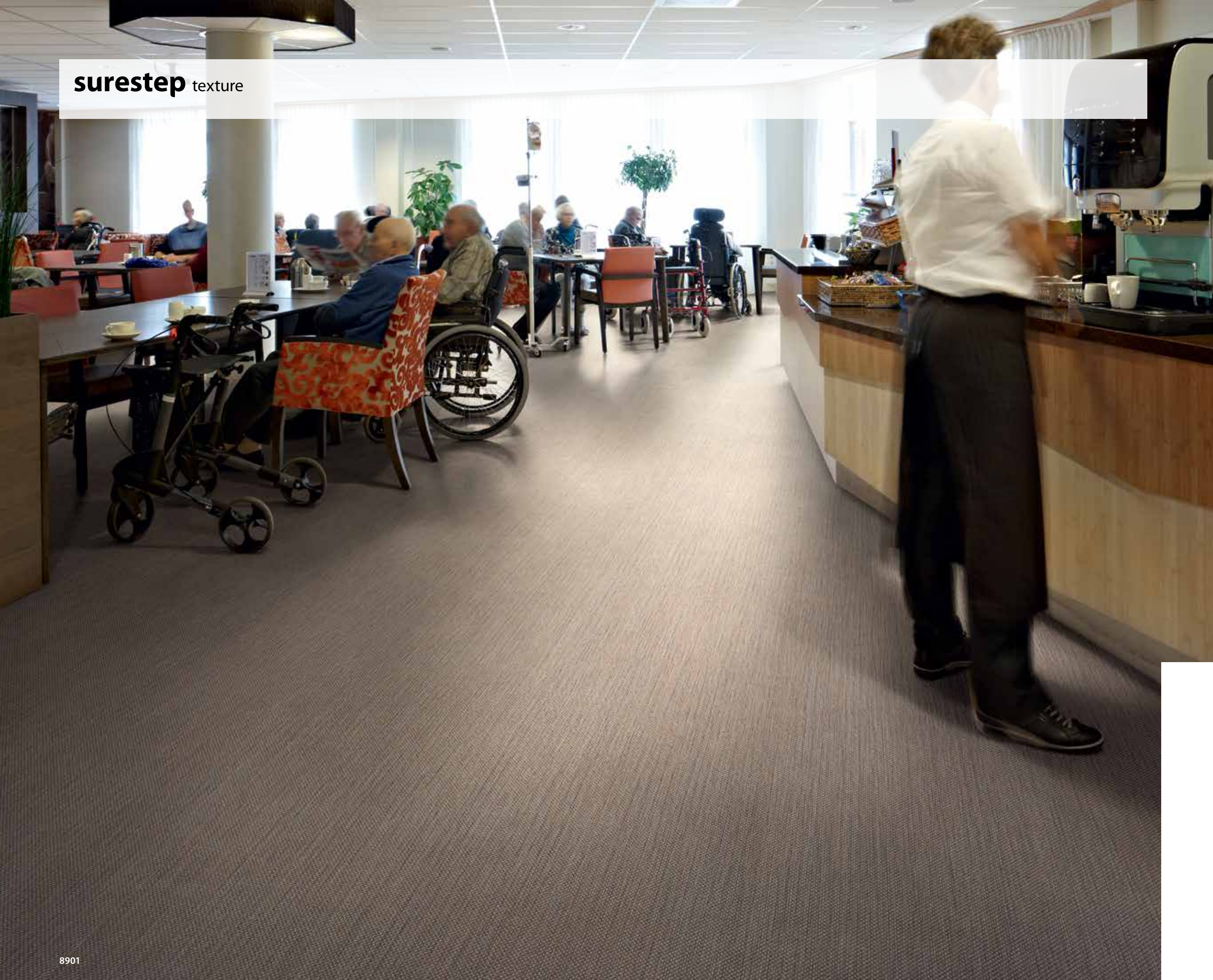
8998 | shadow



8995 | grape

PROJECT VINYL





8901



8902 | cotton



8909 | indigo



8903 | linnen



8901 | leather



8908 | felt



**surestep** wood



18942

**surestep** stone



17112

PROJECT VINYL



18542 | white seagrass



18802 | elegant oak



18552 | natural seagrass



18462 | middle beech



18242 | sunny beech



18942 | natural oak



18932 | rustic oak



18362 | chestnut



18562 | grey seagrass



18662 | pear



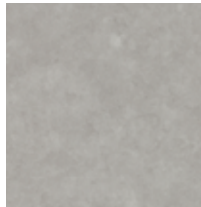
18792 | dark oak



18572 | black seagrass



17092 | white stone



17122 | cool concrete



17112 | sand concrete



17132 | blue concrete



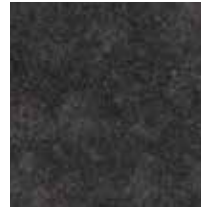
17142 | warm concrete



17072 | anthracite



17162 | grey concrete



17172 | black concrete



**safestep** aqua



180012

This modern, organic design with a new and unique embossing shape is designed for barefoot (and soft soled shoes) areas. Safestep Aqua is a flexible floor, that can easily be installed to the specific requirements of these wetroom areas. And most importantly: it will perform on the highest barefoot class. The clean and modern collection fits the hygienic and sensitive requirements of the application areas, like bathrooms and swimming pool areas. Specifications: Class B, R10, ESf + ESb, TRRL≥36, Rz≥20.



180182 | tender



180012 | misty



180152 | smoke



180322 | jade



180202 | oyster



180262 | trout



180292 | pale new



180052 | slateblue



180232 | taupe



180092 | elefant



180122 | charcoal



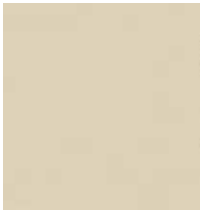
180352 | steel

**safestep** laguna



181232

Surestep Laguna safety flooring combines barefoot and footwear slip resistance, for areas where both are likely and frequently will take place. Complying to the relevant norms for both needs, Surestep Laguna can cover all transition areas, like changing rooms and circulation areas. The subtle, soil hiding particle is integrated in the visual, offering a clean and fresh looking floor.



181182 | tender



181012 | misty



181152 | smoke



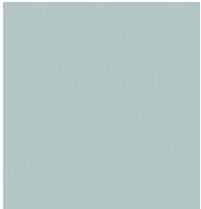
18132 | jade



181202 | oyster



181262 | trout



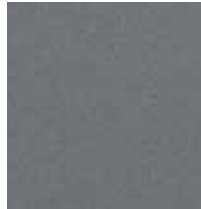
181292 | pale



181052 | slateblue



181232 | taupe



181092 | elefant



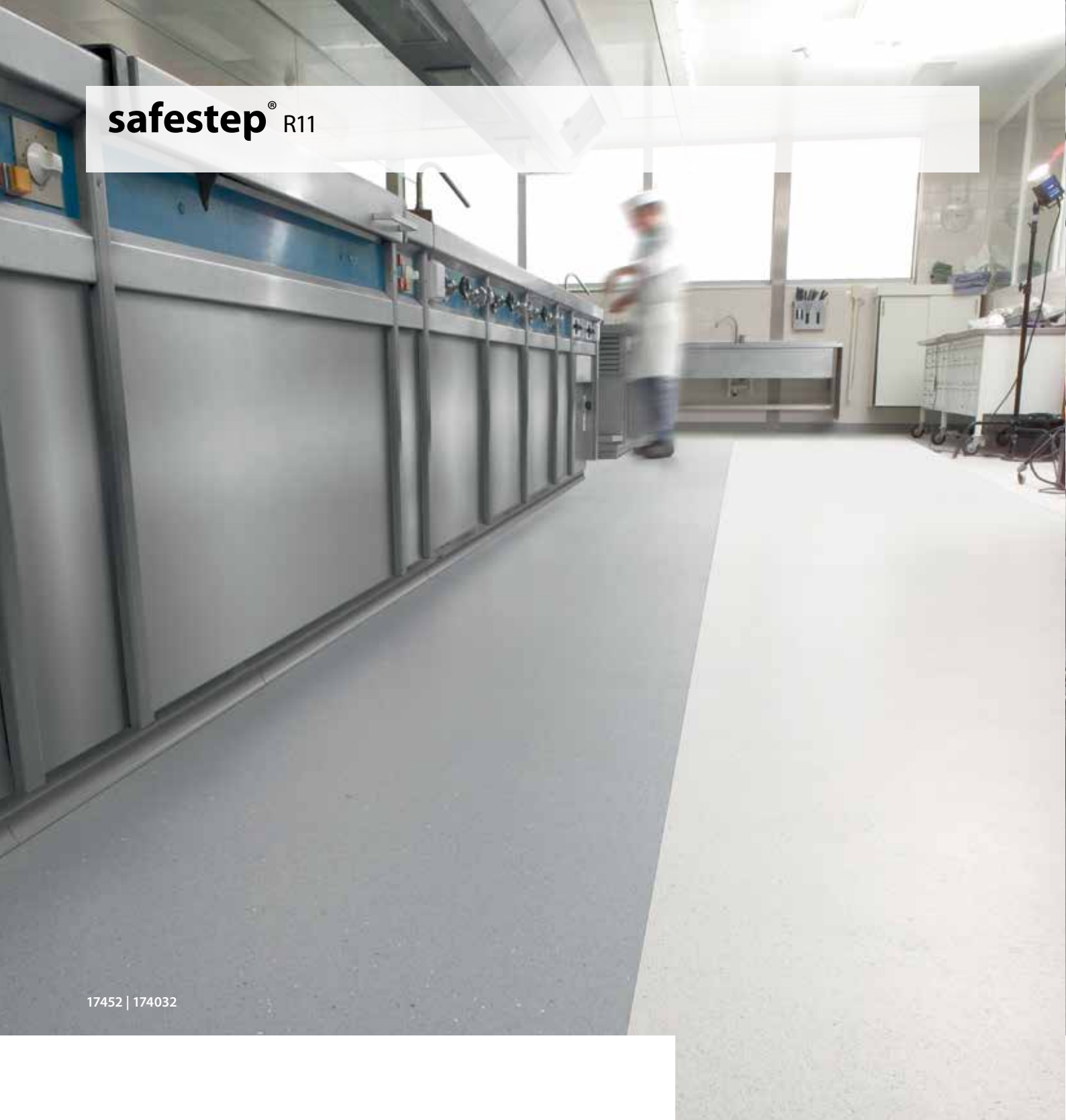
181122 | charcoal



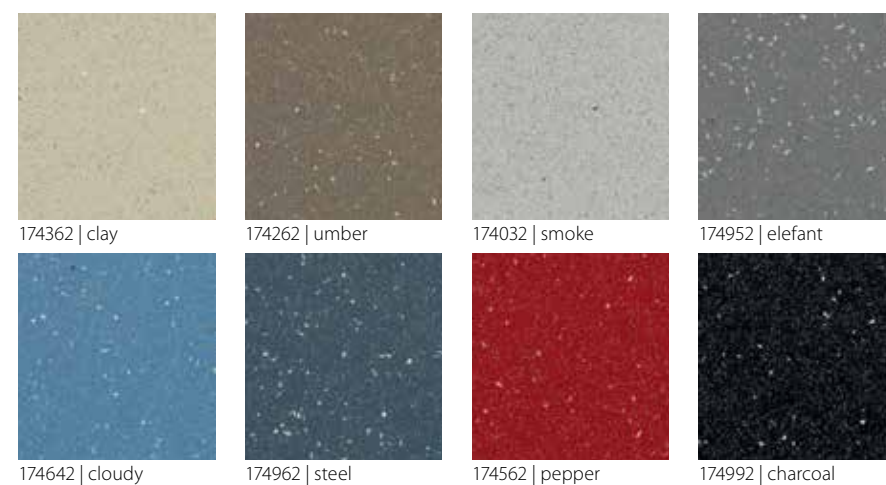
18135 | steel



**safestep®** R11



17452 | 174032



174362 | clay

174262 | umber

174032 | smoke

174952 | elefant

174642 | cloudy

174962 | steel

174562 | pepper

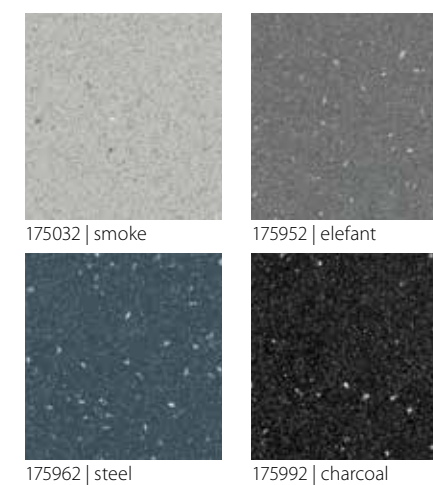
174992 | charcoal

Forbo's Safestep R11 safety vinyl is applicable in areas where a higher slip risk is identified, like professional kitchens, light industrial food production, flourist shops, garden centres. Safestep R11 offers a combination of high slip resistance and high hygienic standards.

**safestep®** R12



175032



175032 | smoke

175952 | elefant

175962 | steel

175992 | charcoal

The Safestep R12 range offers soil hiding colourways and can also be colour matched with products in the Surestep collection and with Safestep R11. A high slip resistant R12 rated floor ensures slip resistance under even the most extreme conditions.



solidstep®

179692



179032 | smoke



179072 | pewter



179692 | mouse



179812 | taupe



179142 | sand



179872 | earth



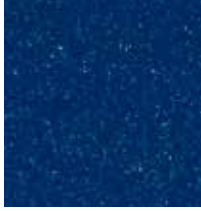
179952 | elephant



179992 | charcoal



179902 | stateblue



179782 | night



179392 | red



179532 | sun



179672 | jungle

Forbo's Solidstep safety flooring is the fresh looking alternative to the conventional safety flooring visual with it's cleaner & brighter visual. Solidstep offers a palette of 13 colours, build up in coordinated colour gradations of saturation, hue and lightness.

Technical specifications: **safestep**

Step meets the requirements of EN - ISO 10582 & EN 13845

			Surestep Original Surestep Star	Surestep Wood Surestep Stone Surestep Mineral Surestep Texture	Safestep Aqua	Surestep Laguna	Safestep R11	Safestep R12	Solidstep
	Total Thickness	EN - ISO 24346	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
	Thickness wear layer	EN - ISO 24340	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.35 mm
	Commercial very heavy	EN - ISO 10874	Class 34	Class 34	Class 34	Class 34	Class 34	Class 34	Class 34
	Light industrial	EN - ISO 10874	Class 43	Class 43	Class 43	Class 43	Class 43	Class 43	Class 43
	Collection size		24 - 13	12 - 8 - 5 - 5	12	12	8	4	13
	Roll Width	EN - ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m
	Roll Length	EN - ISO 24341	20 - 27 m	20 - 27 m	20 - 27 m	20 - 27 m	20 - 27 m	20 - 27 m	20 - 27 m
	Total Weight	EN - ISO 23997	2.75 kg/m²	2.75 kg/m²	2.75 kg/m²	2.75 kg/m²	2.75 kg/m²	2.75 kg/m²	2.75 kg/m²
	Dimension Stability	EN - ISO 23999	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%
	Residual Indentation	EN - ISO 24343-1	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm
	Castor Chair	EN 425	No effect	No effect	No effect	No effect	No effect	No effect	No effect
	Use in Wet areas	EN 13533	Yes	No	Yes	Yes	Yes	Yes	Yes
	Light fastness	EN - ISO 105 B-02	≥6	≥6	≥6	≥6	≥6	≥6	≥6
	Flexibility	EN - ISO 24344	ø 10mm	ø 10mm	ø 10mm	ø 10mm	ø 10mm	ø 10mm	ø 10mm
	Slip resistance	EN 13845 Annex C	ESf	ESf	ESb	ESb / ESf	ESf	ESf	ESf
		EN 13845 Annex D 50.000 revolutions <10% loss	Class 34/43	Class 34/43	Class 34/43	Class 34/43	Class 34/43	Class 34/43	Class 34/43
		DIN 51130	R10	R10	R10	R10	R11	R12	R10
		Din 51097			Class C	Class B			
	Chemical resistance	EN-ISO 26987	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
	Electrical resistance	EN 1081 (R1)	> 1.10⁹ Ω	> 1.10⁹ Ω	> 1.10⁹ Ω	> 1.10⁹ Ω	> 1.10⁹ Ω	> 1.10⁹ Ω	> 1.10⁹ Ω

Step meets the requirements of EN 14041



	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1
	Body Voltage	EN 1815	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV
	Thermal Conductivity	EN 12524	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K
	Slip resistance	EN 13893	DS: ≥0.30	DS: ≥0.30	DS: ≥0.30	DS: ≥0.30	DS: ≥0.30	DS: ≥0.30



# SARLON TAKES SOUND REDUCTION TO THE NEXT LEVEL

**Reducing noise pollution to a minimum can prevent adverse effects on the human body, such as sleeping disorders, stress, headaches, memory loss, aggressiveness and learning difficulties.**

Reducing noise pollution to a minimum can prevent adverse effects on the human body, such as sleeping disorders, stress, headaches, memory loss, aggressiveness and learning difficulties. That's why acoustic performance is essential when designing a building. Acoustic floors are key when it comes to reducing noise in buildings. The floor coverings in the Sarlon acoustic vinyl range have been developed and

tested to maximize impact sound reduction while meeting the needs of heavy traffic commercial areas. To suit all types of applications, our Sarlon acoustic vinyl range offers 2 levels of impact sound reduction: 15dB and 19dB. Sound reduction versus residual indentation. Each one of our floor coverings takes 2 key criteria into account: Impact sound reduction & residual indentation.





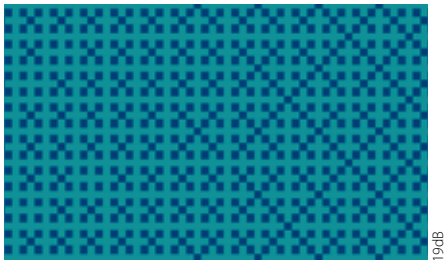


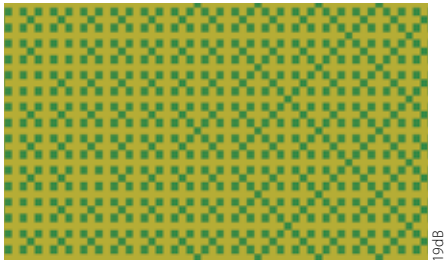


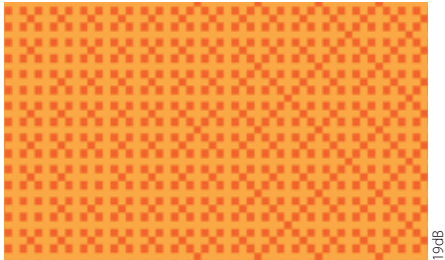


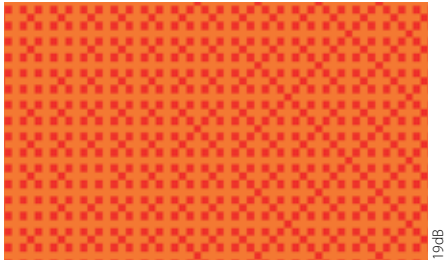


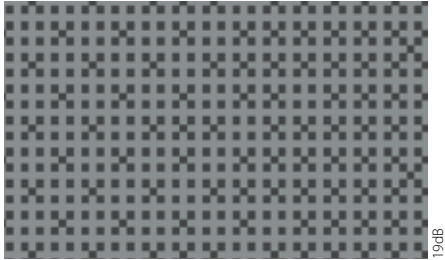

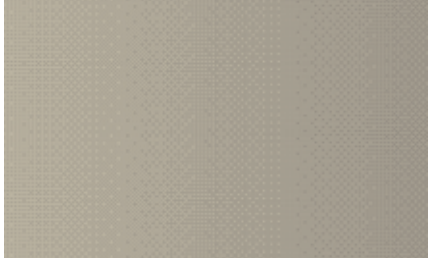
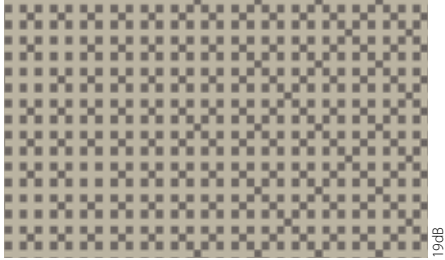
**sarlon®** dégradé 19 dB | uni 19 dB

Sarlon dégradé is the inspiring in colour and design. The fluent colouration from in combination with the design pattern is an unique flooring in the Sarlon range With the 6 different dessins (all in 19 dB) this is truly a unique match. The lighter side of each Dégradé design is perfectly matching and can be combined with a Uni color.



430827






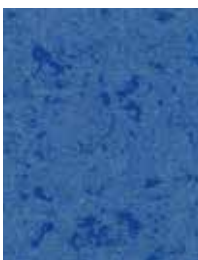
433927

 19dB 430827   teal	 433927   ocean	 19dB 433927   ocean   scale 1
 430808   lime	 433908   jungle	 433908   jungle   scale 1
 430825   buttercup	 433925   sunrise	 433925   sunrise
 430806   apricot	 433906   sunset	 433906   sunset light   scale 1
 430812   light grey	 433912   metal	 433927   metal   scale 1
 430811   grey beige	 433941   khaki	 433941   khaki light   scale 1








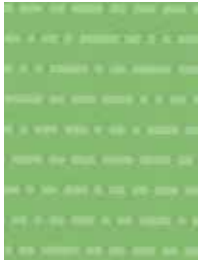

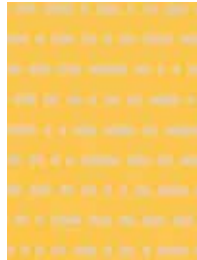

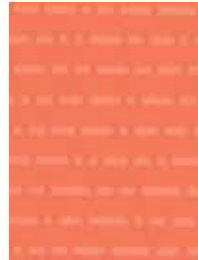

































15db 423208 | 19dB 433208  
15db 420819 | 19dB 430819

Sarlon cristal 15 & 19 dB		15dB 423837 / 19dB 433837
sky		15dB 423437 / 19dB 433437
Sarlon frequency 15 & 19 dB		15dB 420817 / 19dB 430817
cornflower		15dB 423217 / 19dB 433217
Sarlon code zero 15 & 19 dB		15dB 432767 / 19dB 433767
blue		15dB 432227
Sarlon resin 15 & 19 dB		
cobalt		
Sarlon canyon 15 dB		
medium blue		

These ranges will gives you the option to create floors that will comes to life. With a range of bright colours, any space will become more vibrant and special. Dessins made for movement and colour are in some designs the key elements. Although the pattern can easily be combined with other ranges.

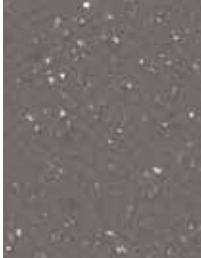

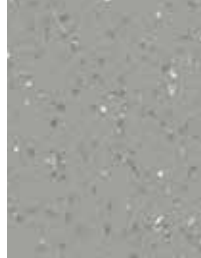












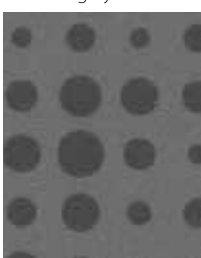












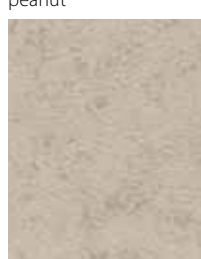

Sarlon cristal 15 & 19 dB		15dB 423847 / 19dB 433847		15dB 423828 / 19dB 433828		15dB 423848 / 19dB 433848		15dB 423835 / 19dB 433835		15dB 423866 / 19dB 433866		15dB 423836 / 19dB 433836
artic		15dB 423447 / 19dB 433447		15dB 423428 / 19dB 433428		15dB 423438 / 19dB 433438		15dB 423415 / 19dB 433415		15dB 423496 / 19dB 433496		15dB 423436 / 19dB 433436
Sarlon frequency 15 & 19 dB		15dB 420827 / 19dB 430827		15dB 420818 / 19dB 430818		15dB 420808 / 19dB 430808		15dB 420825 / 19dB 430825		15dB 420806 / 19dB 430806		15dB 420816 / 19dB 430816
turquoise		15dB 423227 / 19dB 433227		15dB 423218 / 19dB 433218		15dB 423208 / 19dB 433208		15dB 423225 / 19dB 433225		15dB 423206 / 19dB 433206		15dB 423216 / 19dB 433216
Sarlon code zero 15 & 19 dB		15dB 432758 / 19dB 433758		15dB 432778 / 19dB 433778		15dB 432786 / 19dB 433786		15dB 432756 / 19dB 433756		15dB 432786 / 19dB 433786		15dB 432716 / 19dB 433716
teal		15dB 432257		15dB 432228		15dB 432208		15dB 432205		15dB 432246		15dB 432256
Sarlon resin 15 & 19 dB												
ocean			green		lime		yellow		orange		ruby	
Sarlon canyon 15 dB												



These clean design designs are the more earth, mineral based colours that would turn any room in a natural and modern look.



432713

Sarlon cristal	 15dB 423819 / 19dB 433819	 15dB 423812 / 19dB 433812	 15dB 423801 / 19dB 433801	 15dB 423811 / 19dB 433811	 15dB 423814 / 19dB 433814
	medium grey	light grey	pearl	grey beige	taupe
	 15dB 423402 / 19dB 433402	 15dB 423422 / 19dB 433422	 15dB 423421 / 19dB 433421	 15dB 423431 / 19dB 433431	 15dB 423424 / 19dB 433424
	medium grey	light grey	pearl	grey beige	taupe
	 15dB 420819 / 19dB 430819	 15dB 420812 / 19dB 430812	 15dB 420801 / 19dB 430801	 15dB 420811 / 19dB 430811	 15dB 420814 / 19dB 430814
	medium grey	light grey	pearl	grey beige	taupe
Sarlon code zero 15 & 19 dB	 15dB 423219 / 19dB 433219	 15dB 423212 / 19dB 433212	 15dB 423201 / 19dB 433201	 15dB 423211 / 19dB 433211	 15dB 423214 / 19dB 433214
	medium grey	light grey	pearl	grey beige	taupe
	 15dB 432742 / 19dB 433742	 15dB 432761 / 19dB 433761	 15dB 432771 / 19dB 433771	 15dB 432713 / 19dB 433713	 15dB 432734 / 19dB 433734
	pewter	steel	silver*	peanut*	umber*
	 15dB 432219	 15dB 432209	 15dB 432211	 15dB 432200	 15dB 432214
	dark grey	medium grey	light grey	ivory	taupe





15dB 428494  
19dB 438494

The wood is represented with a more classic and a modern oak, giving enough choice for anyone in need of acoustic woods. Linea is a more graphic design of vibrant Zebrano. They come in modern and relevant colours.

Sarlon wood XL modern 15 & 19dB



chalk

Sarlon oak 15 & 19dB



natural

Sarlon linea 15 & 19dB



light grey

Sarlon zebrano 15 & 19dB



light grey

15dB 428430 / 19dB 438430

15dB 428413 / 19dB 438413

15dB 423121 / 19dB 433121

15dB 423311 / 19dB 433311

15dB 428420 / 19dB 438420

15dB 428483 / 19dB 438483

15dB 423113 / 19dB 433113

15dB 423113 / 19dB 433113

15dB 428422 / 19dB 438422

15dB 428494 / 19dB 438494

15dB 423132 / 19dB 433132

15dB 423319 / 19dB 433319

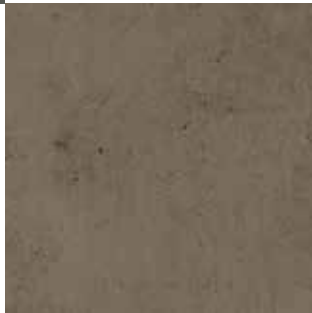


**sarlon<sup>®</sup>** cement 15 & 19 dB



15dB 423579  
19dB 433579

The design in our acoustic range is the right balance between a movement and uniformity; which makes it easy to use. Especially in these 6 modern colours.



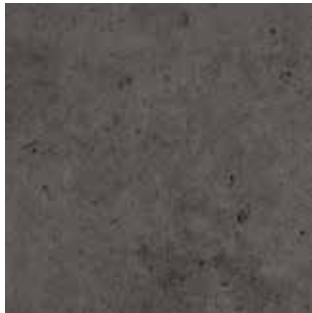
taupe



sepia



clay



slate



medium grey



chalk

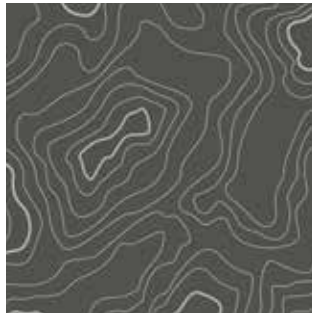
**sarlon<sup>®</sup>** topography 19 dB



19dB 433910



white



grey



black



sarlon® abstract wood 19 dB



433980





white



black

This graphic wood is unique and our own interpretation with a more black and white approach. This design will give any area a modern natural feeling.

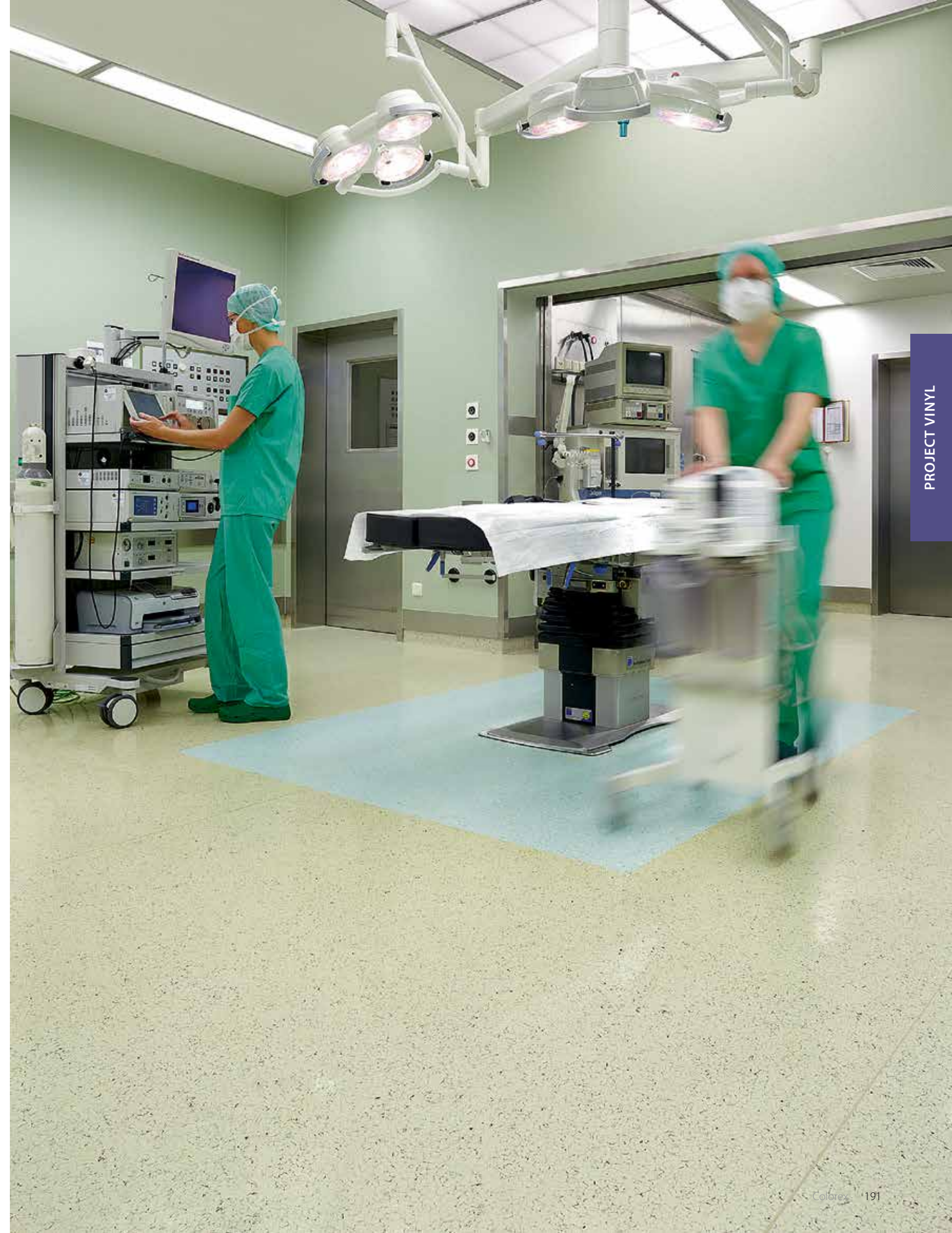
Technische specificaties: sarlon

Sarlon 15 dB and 19 dB meet the requirements of EN 14041 and EN 651			
		sarlon 15 dB	sarlon 19 dB
Total thickness	EN-ISO 24346	2.6 mm	3.4 mm
Wear layer thickness	EN-ISO 24340	0.70 mm	0.67 mm
Total weight	EN-ISO 23997	2,700 g/m²	2,900 g/m²
Impact sound reduction	EN-ISO 717-2	ΔL <sub>w</sub> = 15 dB	ΔL <sub>w</sub> = 19 dB
In-room impact noise	NF S 31-074	L <sub>n,r,w</sub> < 65 dB, Class A	L <sub>n,r,w</sub> < 65 dB, Class A
Sound absorption	EN-ISO 354 EN-ISO 11654	α <sub>w</sub> = ± 0,05	α <sub>w</sub> = ± 0,05
Residual indentation (Typical value) <i>Requirement</i>	EN-ISO 24343-1	~0.05 mm ≤ 0,20 mm	~0.08 mm ≤ 0,20 mm
Slip resistance	DIN 51130	R9	R9
Abrasion resistance	EN 660-2	T	T
Specifications		EN 651	EN 651
Commercial use	EN-ISO 10874	34	34
Light industrial use	EN-ISO 10874	42	42
Packaging		Rolls	Rolls
Roll length	EN-ISO 24341	25 m	25 m
Roll width	EN-ISO 24341	2 m	2 m
Castor chair resistance	EN 425 (ISO 4918)	Yes	Yes
Furniture leg resistance	EN 424 (ISO 16581)	compliant	compliant
Dimensional stability <i>Requirement</i>	EN-ISO 23999	< 0.10 % ≤ 0.40 %	< 0.10 % ≤ 0.40 %
Colour fastness to light <i>Requirement</i>	EN ISO 105-B02 - method 3	7 ≥ 6	7 ≥ 6
Stain resistance	EN-ISO 26987	Good	Good
Surface treatment		PUR	PUR
Emissions into air : TVOC* at 28 days	EN-ISO 16000-9	< 100 µg/m³	< 20 µg/m³
		EN 14041  0201819_DOP_306	EN 14041  0200825_DOP_306
Compliance EN 14041		Yes	Yes
Reaction to fire	EN 13501-1	Bfl - s1 <sup>(2)</sup>	Cfl - s1 <sup>(1)</sup>
Slip resistance	EN 13893	Class DS (μ ≥ 0,30)	Class DS (μ ≥ 0,30)
Body voltage	EN 1815	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic
Thermal conductivity	EN 12524 (EN-ISO 10456)	0,25 W/(m.K), suitable for heating floors	0,25 W/(m.K), suitable for heating floors

<sup>(1)</sup> Valid on every substrate: wood, non combustible A2<sub>s</sub>-s1 oo A1<sub>fl</sub>, or on free laying (with SARLIBASE TE underlayer)  
<sup>(2)</sup> Valid on non combustible substrate: A2<sub>s</sub>-s1 or A1<sub>fl</sub>  
\* TVOC : total volatile organic compounds



# COLOREX ESD FLOOR COVERING IS SAFE STAYS SAFE





**Protecting your technology Colorex is an advanced technical flooring system specifically designed to control static discharge in sensitive areas such as cleanrooms, operating theatres and the electronics industry. Not only does Colorex provide an advanced technical solution, it is also aesthetically pleasing, enhancing any commercial interior from industrial to educational establishments.**

Providing peace of mind Forbo Flooring Systems is an international market leader with a wealth of experience in providing ESD and clean room flooring with probably the best known brand in the market place - Colorex. You can have peace of mind that Colorex complies to every standard and norm that is required today and likely to be required tomorrow. Environmental credentials We constantly strive to produce sustainable flooring systems that create better environments everywhere. At the same time we help take care of the natural environment through our commitment to sustainable development, responsible raw material procurement and manufacturing processes. For example our Colorex collection contains 15% post industrial recycled content, is manufactured using green electricity and is REACH compliant.

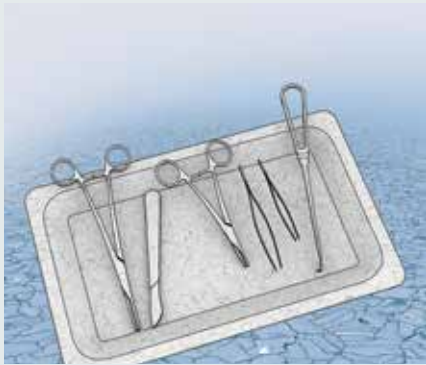
The 8 benefits of Colorex

**Colorex is the ideal flooring system for sectors such as electronics, pharmaceuticals, health, data centres and server rooms.**

- 1 Colorex offers peace of mind as it fully complies with all ESD and clean room standards, including the Fraunhofer institute.
- 2 Colorex offers a life time conductivity warranty guaranteeing optimal performance throughout the life of the product
- 3 The dense construction of Colorex provides a porefree surface ensuring the highest hygiene properties
- 4 The low plasticiser content in Colorex tile creates a unique dimensional stability and prevents shrinkage
- 5 The low plasticiser content also ensures extremely low emissions and outgassing making Colorex the right choice for clean rooms
- 6 The surface of Colorex can be fully repaired extending the useful life of the product
- 7 The dense construction of Colorex provides excellent resistance to heavy loads making it an ideal solution for commercial and industrial environments
- 8 Colorex is available in tile format, a prerequisite for raised access floors found in many commercial environments such as data centres and server rooms.



ESD-floors



Healthcare-flooring



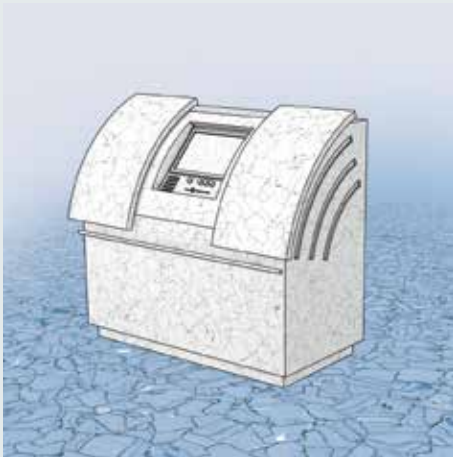
Cleanroom-flooring



Industrial-flooring

Colorex Basic Plus is a loose lay floor system with Colorex on top without conductive properties. This ensures all the benefits of Colorex like high density, easy repair and stain resistance. But also combines the benefits of a heavy duty loose lay tile.

colorex EC plus  
Highperform



Renovating an industrial floor can be a very costly and labour intensive endeavour. The downtime needed to move or disassemble heavy production equipment and the cost of a complex subfloor renovation can begin to add up before work on installing the new floor has even started. Colorex EC plus is a high performance floor covering system that consists of loose lay tiles. Suitable for applications where expensive preparatory measures and downtimes are not acceptable, it can be installed without any interruptions and is immediately accessible. There's no need for special subfloor treatments or preparations. The tiles connect to each other using a unique dovetailing system that remains hidden. As the tiles have a genuine Colorex surface you can still take advantage of its proven features and benefits.

- Functionality:** Permanently conductive
- Description:** Permanently conductive floor, connection between tiles through dovetails and connected to earth with copper strip. Compliant to IEC 61340-4-5 with appropriate ESD shoes.
- Application areas:** Renovation of ESD facilities, cleanrooms, pharmaceutical laboratories and production sites. Suitable when down time, damp floors or poor sub floors are an issue.

colorex basic plus



Colorex Basic plus is a loose lay floor system with a Colorex surface and limited conductive properties. This range provides all the benefits of Colorex, such as a high density, repairable and chemical resistant surface with the flexibility of a heavy duty loose lay tile.

- Functionality:** Resistant / repairable
- Description:** Excellent chemical resistance. Floor can be repaired in case of heavy damages.
- Application:** areas Shops, stores, warehouses. Suitable when down time, damp floors or poor sub floors are an issue

colorex R11 plus



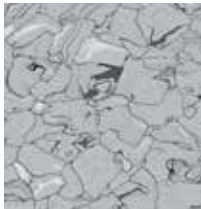
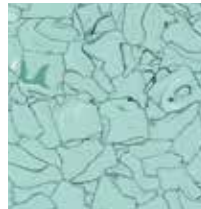

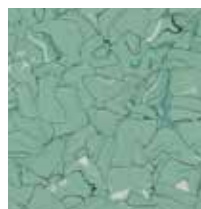
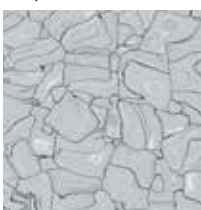
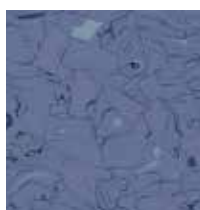


The product has enhanced slip resistance, catergorised as, R11 due to its strong surface embossed structure. Only available in colourway 601060.

- Functionality:** Slip resistant to R11
- Description:** Dirt hiding, slip resistant floor.
- Application areas:** Industrial areas, garages, warehouses. Suitable when down time, damp floors or poor sub floors are an issue





The Colorex collections offers a premium brand of conductive and static dissipative high density dimensional stable tiles. Colorex SD enables safe electrostatic discharge through the entire surface and mass of the tile. The conductive carbon black forms a dense network of tiny black veins. Colorex SD is \*\*permanently static dissipative.

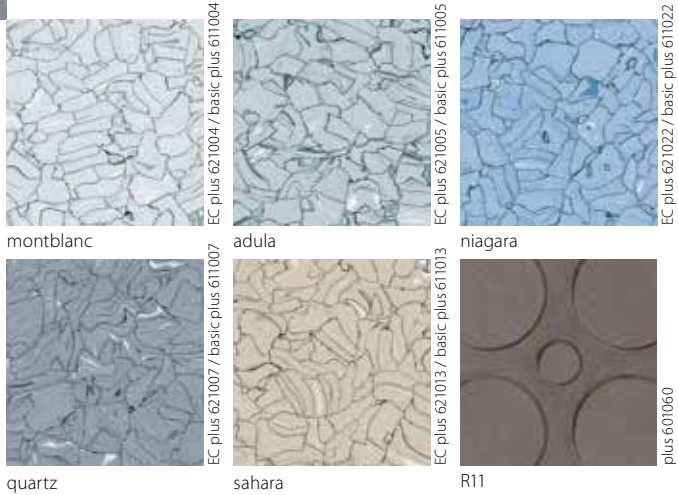
 SD150201 EC250201 everest	 SD150205 EC250205 adula	 SD150221 EC250221 pacific	 SD150225 EC250225 kiwi	 SD150213 EC250213 sahara
 SD150203 EC250203 kilimanjaro	 SD150206 EC250206 moonstone	 SD150222 EC250222 niagara	 SD150234 EC250234 twilight	 SD150215 EC250215 oasis
 SD150202 EC250202 ivory	 SD150207 EC250207 quartz	 SD150223 EC250223 atlantic	 SD150236 EC250236 jade	 SD150219 EC250219 assuan
 SD150204 EC250204 montblanc	 SD150208 EC250208 granite	 SD150224 EC250224 cobalt	 SD150232 EC250232 musk	 SD150212 EC250212 lux
 SD150240 EC250240 etna	 SD150235 azzurro	 SD150233 fuego	 SD150237 amazonas	 SD150231 sole



























EC plus 621005 | EC plus 621005

Colorex Basic Plus is a loose lay floor system with Colorex on top without conductive properties. This ensures all the benefits of Colorex like high density, easy repair and stain resistance. But also combines the benefits of a heavy duty loose lay tile.



Technical specifications: **colorex®**

Colorex meets the requirements of EN 649		Colorex SD	Colorex EC	Colorex EC Plus	Colorex Basic Plus	R11 Plus
	CE marking	EN 14041	Compliant	Compliant	Compliant	Compliant
	ASTM**	Compliant	Compliant			
	Total thickness	ISO 24346 / EN 428	2.0 mm / 3.0 mm*	2.0 mm / 3.0 mm*	10.5 mm	10.5 mm
	Tile size	EN 427 / ISO 24342	615x615 mm 615x1230 mm*	615x615 mm 615x1230 mm*	608x608 mm	608x608 mm
	Commercial very heavy	ISO 10874 / EN 685	34	34	34	34
	Industrial heavy	ISO 10874 / EN 685	43	43	43	43
	Electrical resistance	IEC 61340-4-1 EN 1081 (100V) ANSI/ESD 7.1	10 <sup>6</sup> ≤ R ≤ 10 <sup>8</sup> Ω	5 x 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ω	2.5 x 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup>	n.a.
	Electrical resistance in combination with ESD Shoes	IEC 61340-4-5 ESD STM 97.1	n.a.	R < 3.5 x 10 <sup>7</sup> Ω	R < 3.5 x 10 <sup>7</sup> Ω	n.a.
	Outgassing	IDEMA M11-99	total < 1 µg/cm <sup>2</sup>	total < 1 µg/cm <sup>2</sup>	total < 2 µg/cm <sup>2</sup>	n.a.
	Total TVOC 28 days	AgBB guidelines	25 µg/cm <sup>3</sup>	25 µg/cm <sup>3</sup>	25 µg/cm <sup>3</sup>	n.a.
	Bacteriostatic	SNV 195 920	Pass	Pass	Pass	n.a.
	Chemical resistance	ISO 26787 / EN 423	Excellent	Excellent	Excellent	Excellent
	Slip resistance	DIN 51130	R9	R9	R9	R11
	Total weight	ISO 23997 / EN 430	3.2 kg/m <sup>2</sup>	3.2 kg/m <sup>2</sup>	12.4 kg/m <sup>2</sup>	11.4 kg/m <sup>2</sup>
	Dimensional stability	ISO 23999 / EN 434	0.05%	0.05%	n.a.	n.a.
	Thermal dilatation coef- ficient		n.a.	n.a.	0.11 mm/m°C	0.11 mm/m°C
	Residual indentation	ISO 24343-1 / EN 433	0.035 mm	0.035 mm	n.a.	n.a.
	Resistance to load (performance may vary, subject to local conditions)	Powered pallet truck and forklifts: total weight up to 2.5 t with hard wheels and up to 5 t with air tyres. Static loads: 50 kg/cm <sup>2</sup> - dynamic loads: 90 kg/cm <sup>2</sup>				
	Abrasion resistance	EN 660-2	Group M	Group M	Group M	n.a.
	Castor chair continuous use	ISO 4918 / EN 425	no effect	no effect	no effect	n.a.
	Light fastness	EN ISO 105 B02	≥ 6	≥ 6	≥ 6	n.a.
	Impact sound reduction	EN ISO 140-8	2 dB	2 dB	12 dB	12 dB
All Colorex products meet the requirements of EN 14041						
	Body voltage generation, with appropriate ESD shoes	IEC 61340-4-5 ESD STM97.2 EN 1815	40 V	20 V	20 V	< 2 kV
	Reaction to fire	EN 13501-1	B <sub>s</sub> -s1	B <sub>s</sub> -s1	B <sub>s</sub> -s1	B <sub>s</sub> -s1
	Slip resistance	EN 13893	DS ≥ µ 0,30	DS ≥ µ 0,30	DS ≥ µ 0,30	DS ≥ µ 0,50
	Thermal conductivity	ISO 10456/EN 12524	0.25 W/(m·K)	0.25 W/(m·K)	0.25 W/(m·K)	0.25 W/(m·K)

\* Available on request  
\*\* Product also tested to ASTM. Results available on request





FLOTEX





# FLOTEX, A UNIQUE FLOOR COVERING

Flotex is neither a true textile, nor is it an resilient and its unique construction succeed in combining the best of both worlds, suitable for use in commercial environments however demanding the conditions. Approximately 80 million minute nylon 6.6. fibres (flock) are as strong as a bamboo construction, yet creating the comfort of a moss surface. Precision printing technologies used to manufacture Flotex mimic the rich colour pallet that can be found in nature to the smallest detail. Slip resistant in wet and dry conditions (R13), imitating the functions of the Gecko's feet. Like a honey bee collects and distributes pollen on the stems by hovering between flowers, the Flotex surface captures fine dust and allergens from the air and releases this completely during a simple basic cleaning action.

As such Flotex is the high tech textile that offers bionic performance, available in both sheet and tile.

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## Fresh air:

- the nylon fibres capture allergens and fine dust from the air
- as easy to clean as any resilient floorcovering
- the anti microbial Sanitized® treatment ensures consistent protection against bacteria





# FLOTEX, THE HIGH TECH TEXTILE

**Flotex Flocked Flooring is a completely unique textile flooring that combines the hard wearing and durable characteristics of a resilient floor with the quality, warmth and comfort of a carpet.**

**Durable and comfortable**

Discover the toughness and durability of Flotex which comes as a result of the 80 million nylon 6.6. fibres per square metre, while experiencing the quietness and comfort normally only associated with a carpet as a result of the impervious cushioned backing.

**Quiet yet Hygienic**

The nylon fibres not only perform in sound absorption and comfort, they also capture allergens and fine dust from the air, all of which they effortlessly release in any cleaning action in both dry and wet conditions. Through its construction Flotex is protected against mould and odour's whilst keeping up its appearance, as the floor restores to mint condition after every cleaning action.

**Warm while washable**

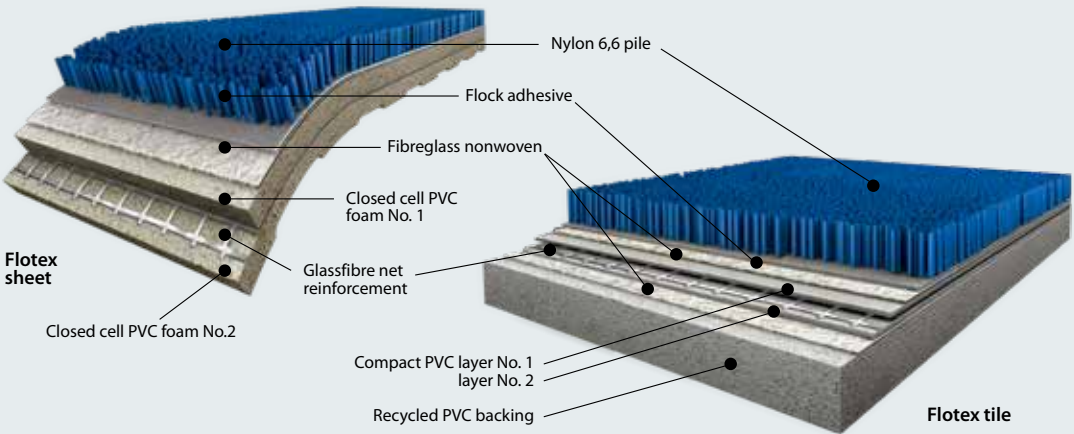
Simple every day vacuuming removes any dirt or dust trapped in the dense nylon surface. However also steam cleaning or deeper mechanical cleaning can be used after heavy soiling, requiring a minimum of traditional detergents. Simple cleaning action already restores Flotex to its original appearance. The wide array of colours and designs in which Flotex is offered, remain as vibrant and lively as the day the floor was installed.

**Safe but sound absorbing**

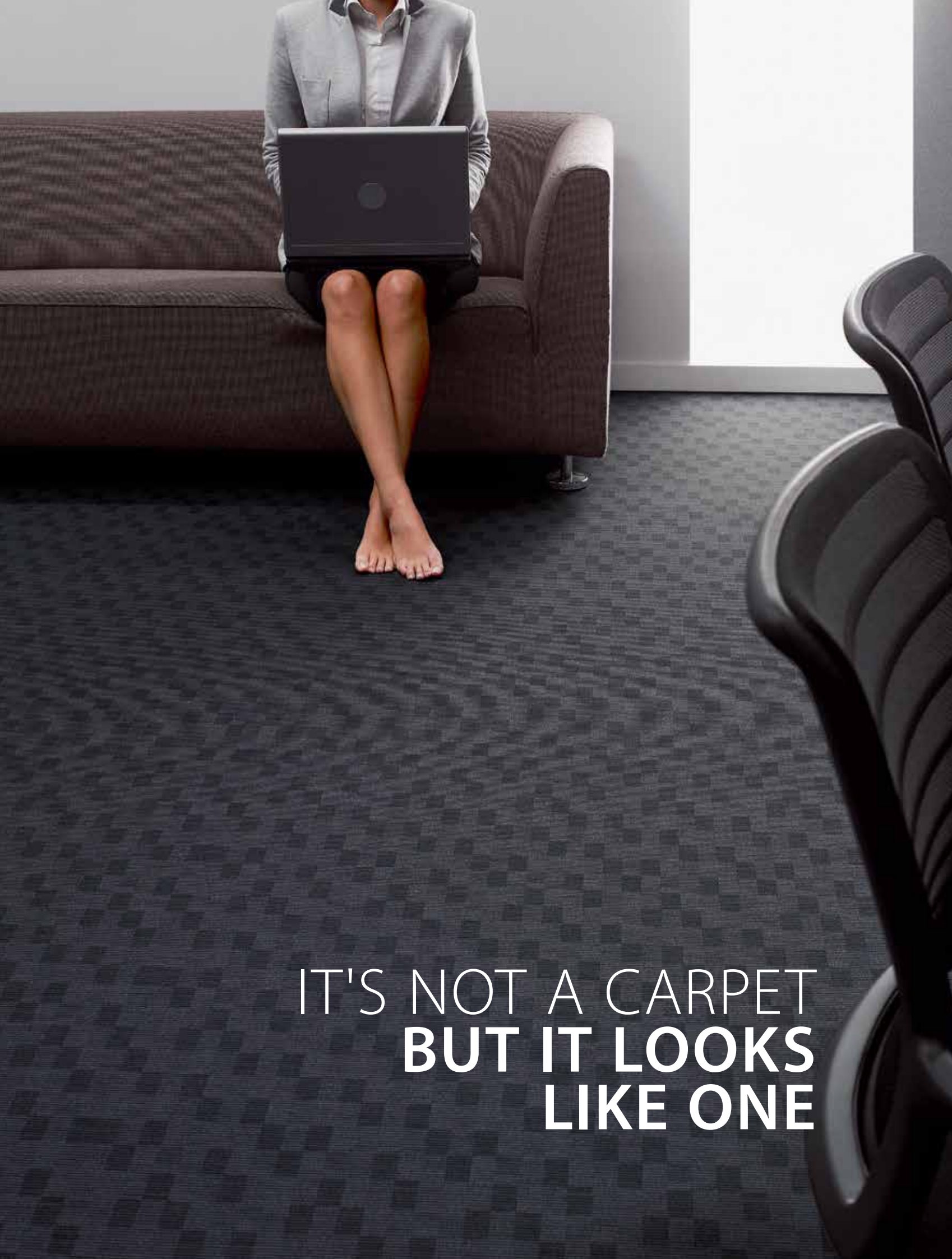
Flotex provides both low in-room impact noise performance (class A) as well as good impact sound reduction (>20dB), meaning a quiet room and a quiet building. Flotex also meets the HSE wet and dry slip resistance classifications for use of flat surfaces and ramps.

Flotex, a choice, not a compromise

Flotex is a high tech textile which brings together the world of resilients and textiles connecting key performance indicators into one single product, that delivers all you can expect from an innovative flooring solution.







IT'S NOT A CARPET  
**BUT IT LOOKS  
LIKE ONE**

## FLOTEX

### 206 **flotex® colour**

Showing three individual designs in a rhapsody of colour that offers you the choice for selection of the detail and nuance that you are looking for.

### 216 **flotex® linear**

Represents a comprehensive choice of 5 linear designs in various colour ways that suit office environments, but also deliver playful effects for leisure, hospitality or retail spaces.

### 224 **flotex® vision**

An overwhelming choice of over 600 digitally printed designs to suit every taste or requirement, right down to a colour on demand option.

### 228 **flotex® sottsass**

A collection of 4 exquisite designs, created exclusively for Forbo by Italian design studio Sottsass Associati.

### 236 **flotex® planks**

Flotex is neither a true textile, nor is it a resilient flooring. Its unique dense fiber construction succeeds in combining the best of both worlds: comfort & resilience. Flotex offers a flooring solution for areas where safety, hygiene and well-being are in high demand.

IT'S NOT A RESILLIENT  
**BUT PERFORMS  
LIKE ONE**

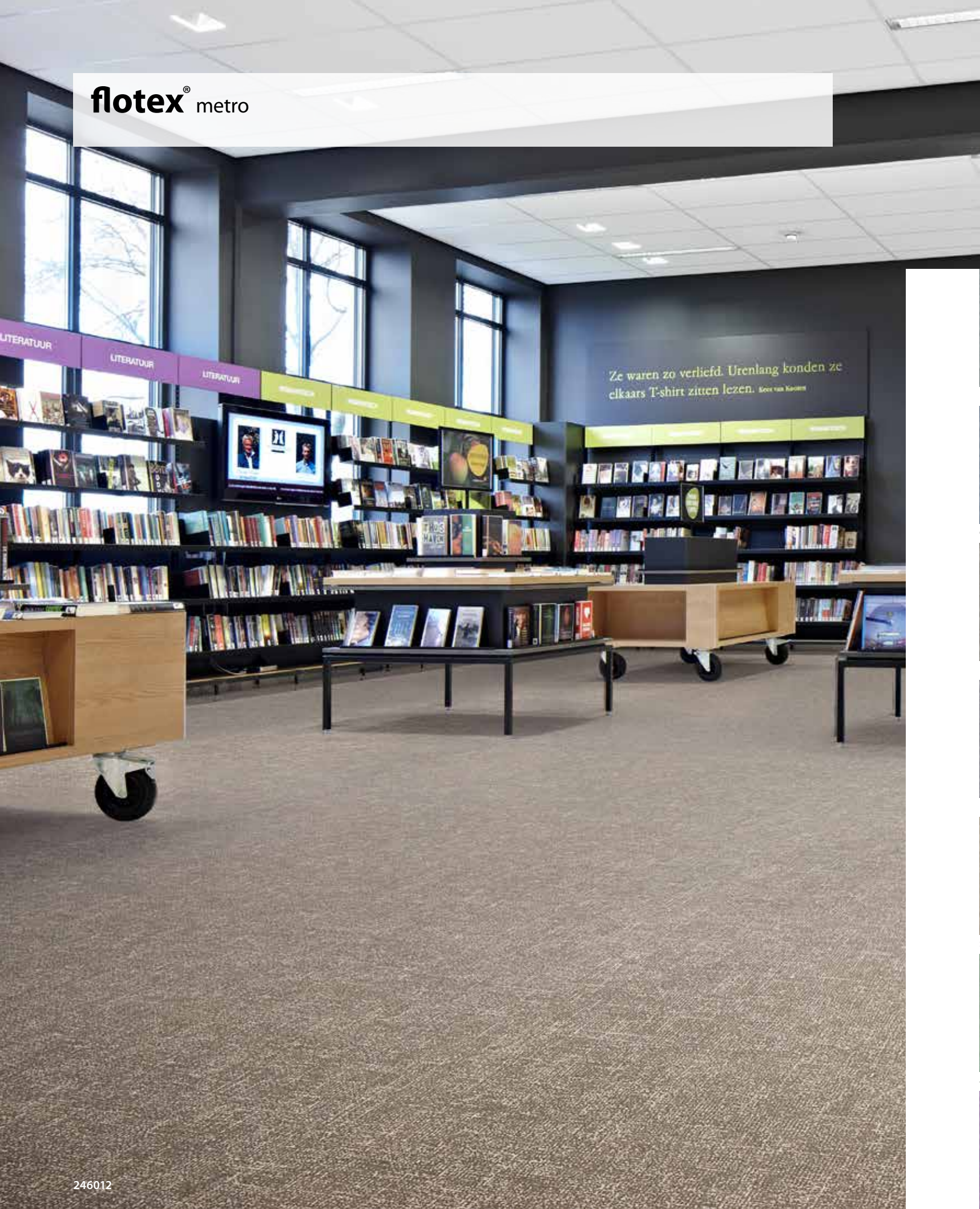


Flotex Colour is a collection with 3 designs which together form a rhapsody of colour across a broad spectrum. Ideal for education, health - and age care environments, leisure, retail and other commercial spaces.

Flotex Colour is a comprehensive collection of textile designs that are presented in 3 different all-over styles and subtle print nuances: Metro, Calgary and Penang. The Metro Neons add a special twist to this collection. All items are available in sheet or tile.







246012

 mineral s246018 / 1546018						 gull s246004 / 1546004	 lagoon s246020 / 1546020	 tempest s246002 / 1546002	 horizon s246023 / 1546023	 petrol s246032 / 1546032	 indigo s246001 / 1546001
 pebble s246011 / 1546011	 truffle s246029 / 1546029	 cocoa s246015 / 1546015	 chocolate s46010	 burgundy s246027 / 1546027	 carbon s246024 / 1546024	 nimbus s246005 / 1546005	 grey s246006 / 1546006	 pepper s246009 / 1546009	 concrete s246014 / 1546014	 ash s246007 / 1546007	 anthracite s246008 / 1546008
 sand s246012 / 1546012	 amber s246013 / 1546013	 gold s246036 / 1546036	 tangerine s246025 / 1546025	 melon s246003 / 1546003	 cinnamon s246030 / 1546030	 apple s246037 / 1546037	 citrus s46019	 emerald s246033 / 1546033	 jade s246028 / 1546028	 evergreen s46022	 moss s46021
 lilac s246034 / 1546034	 pink s246035 / 1546035	 cherry s246031 / 1546031	 red s246026 / 1546026	 berry s246017 / 1546017	 grape s246016 / 1546016						

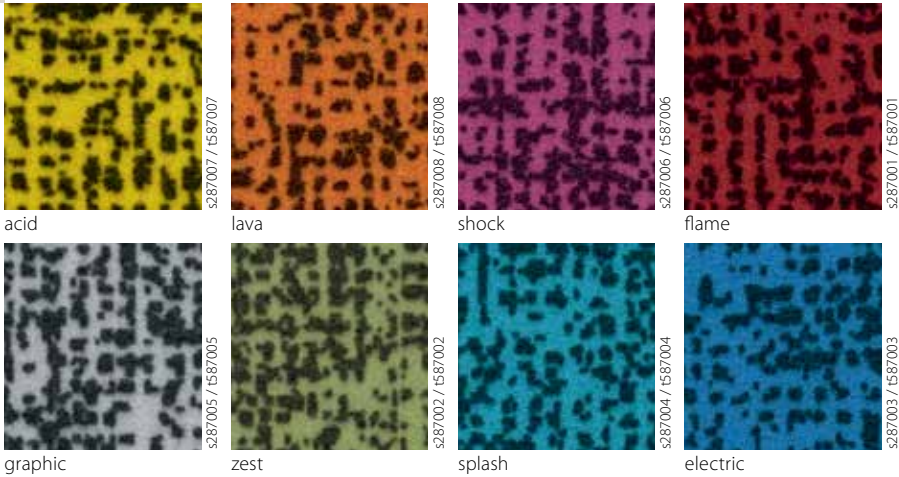






287002

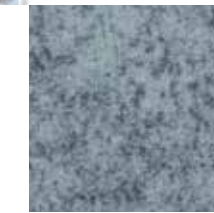
Opening up a whole new dimension of design possibilities, the Flotex Metro Neon range offers 8 vibrant colours cleverly designed to work on their own or in conjunction with the standard Metro range. You can use them to create striking breakout areas, cut-outs and borders or delineate walkways and individual zones in open plan spaces.







590023 | 590026



fossil



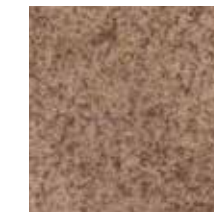
aqua



amber



saffron



suede



quartz



spa

5290018 / 1590018

5290021 / 1590021

5290027 / 1590027

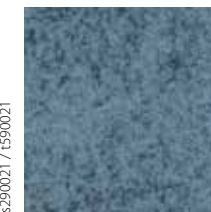
5290008 / 1590008

5290007 / 1590007

5290011 / 1590011

5290030 / 1590030

cement



sky



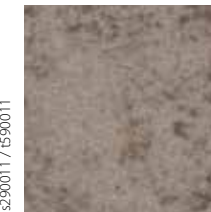
lime



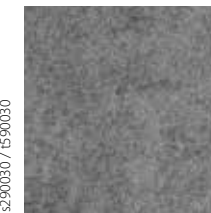
Sahara



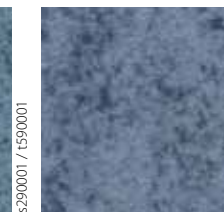
caramel



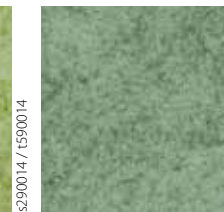
linen



5290012 / 1590012



Riviera



apple



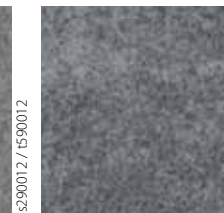
fire



ginger



expresso



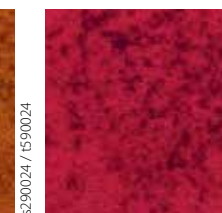
5290019 / 1590019



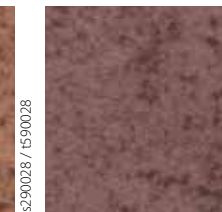
condor



moss



cherry



salmon

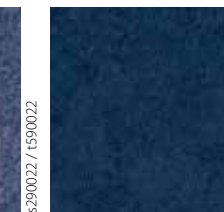


crystal



5290002 / 1590002

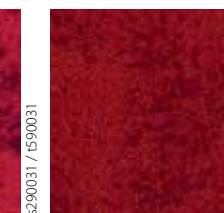
grey



azure



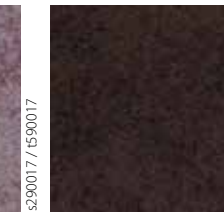
menthol



red



melon



toffee



5290010 / 1590010

ash

5290015 / 1590015

5290004 / 1590004

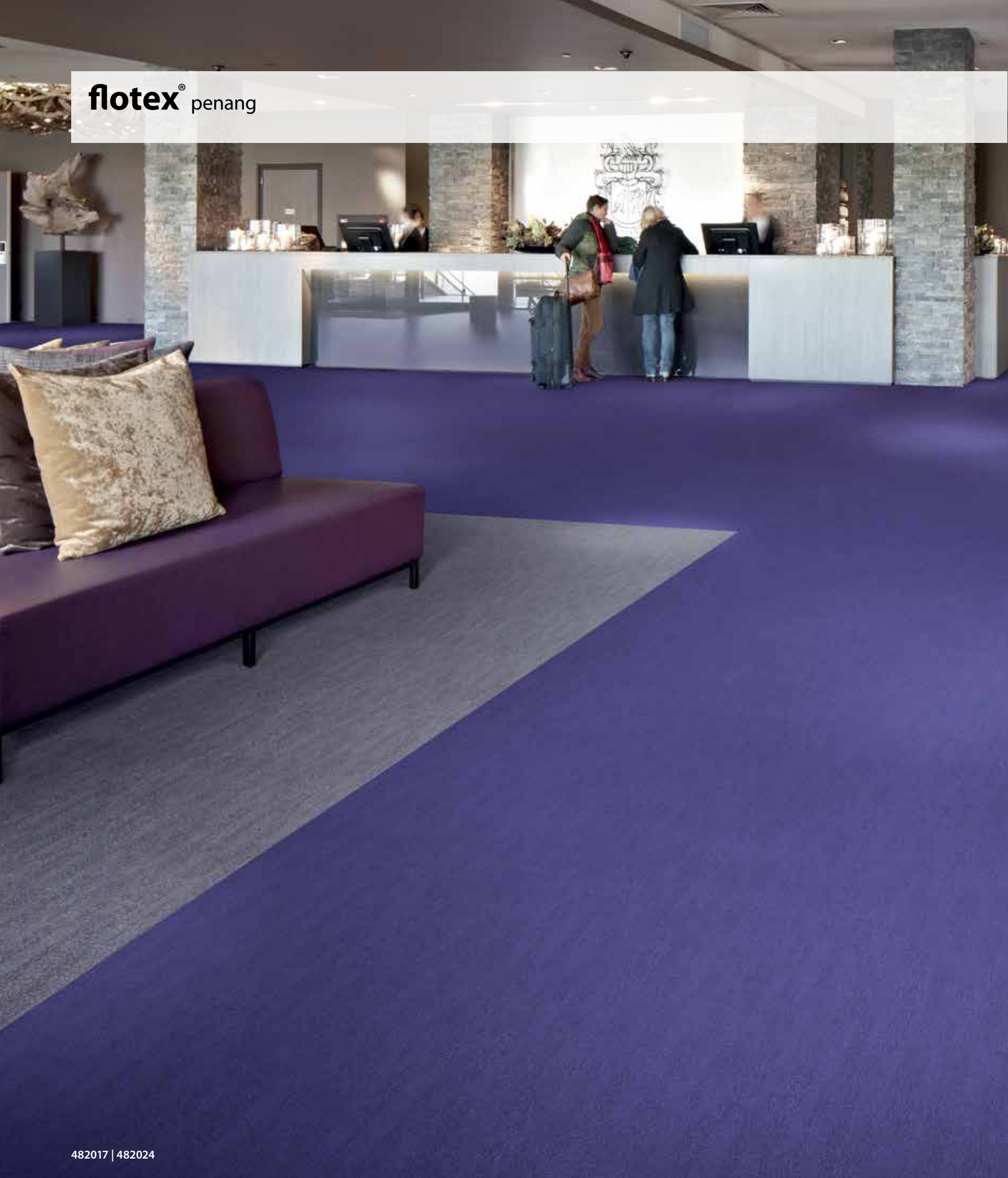
5290003 / 1590003

5290005 / 1590005

5290020 / 1590020

5290010 / 1590010





482017 | 482024

Flotex Penang offers a stunning look for any modern environment. Its hint of the wooden planks design provides a quiet neutral floor design.

 amber \$482022 / 1382022	 coral \$482016 / 1382016	 dusk \$482023 / 1382023	 chocolate \$482114 / 1382114	
 ginger \$482019 / 1382019	 brick \$482073 / 1382073	 red \$482012 / 1382012	 berry \$482013 / 1382013	 copper \$482014 / 1382014
 bamboo \$482018 / 1382018	 flax \$482075 / 1382075	 beige \$482015 / 1382015	 pepper \$482108 / 1382108	 concrete \$482002 / 1382002
 sage \$482006 / 1382006	 citrus \$482003 / 1382003	 evergreen \$482010 / 1382010	 mineral \$482009 / 1382009	 forest \$482025 / 1382025
 gull \$482044 / 1382044	 sapphire \$482011 / 1382011	 neptune \$482026 / 1382026	 azure \$482116 / 1382116	 purple \$482024 / 1382024
 smoke \$482005 / 1382005	 nimbus \$482017 / 1382017	 zinc \$482007 / 1382007	 mercury \$482004 / 1382004	 tempest \$482008 / 1382008
 silver \$482021 / 1382021	 shale \$482020 / 1382020	 grey \$482037 / 1382037	 ash \$482031 / 1382031	 anthracite \$482001 / 1382001



flotex® linear













Flotex Linear represents a comprehensive choice of 5 linear designs designed to work together or on their own: Integrity<sup>2</sup>, Complexity, Stratus, Cirrus and Pinstripe.

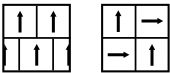
Across the 5 ranges there are sheet and tile options, most of which can be laid in a variety of fitting styles. For everyday installations, Flotex tiles can also be installed using tackifier.



flotex® pinstripe



 Mayfair s262009 / 1565009	 Buckingham s262004 / 1565004	 Westminster s262003 / 1565003	 Covent Garden s262007 / 1565007
 Cavendish s262002 / 1565002	 Piccadilly s262001 / 1565001	 Soho s262008 / 1565008	 Kensington s262005 / 1565005
 Oxford Circus s262006 / 1565006	 Paddington s262011 / 1565011	 Baker Street s262012 / 1565012	 Hyde Park s262010 / 1565010



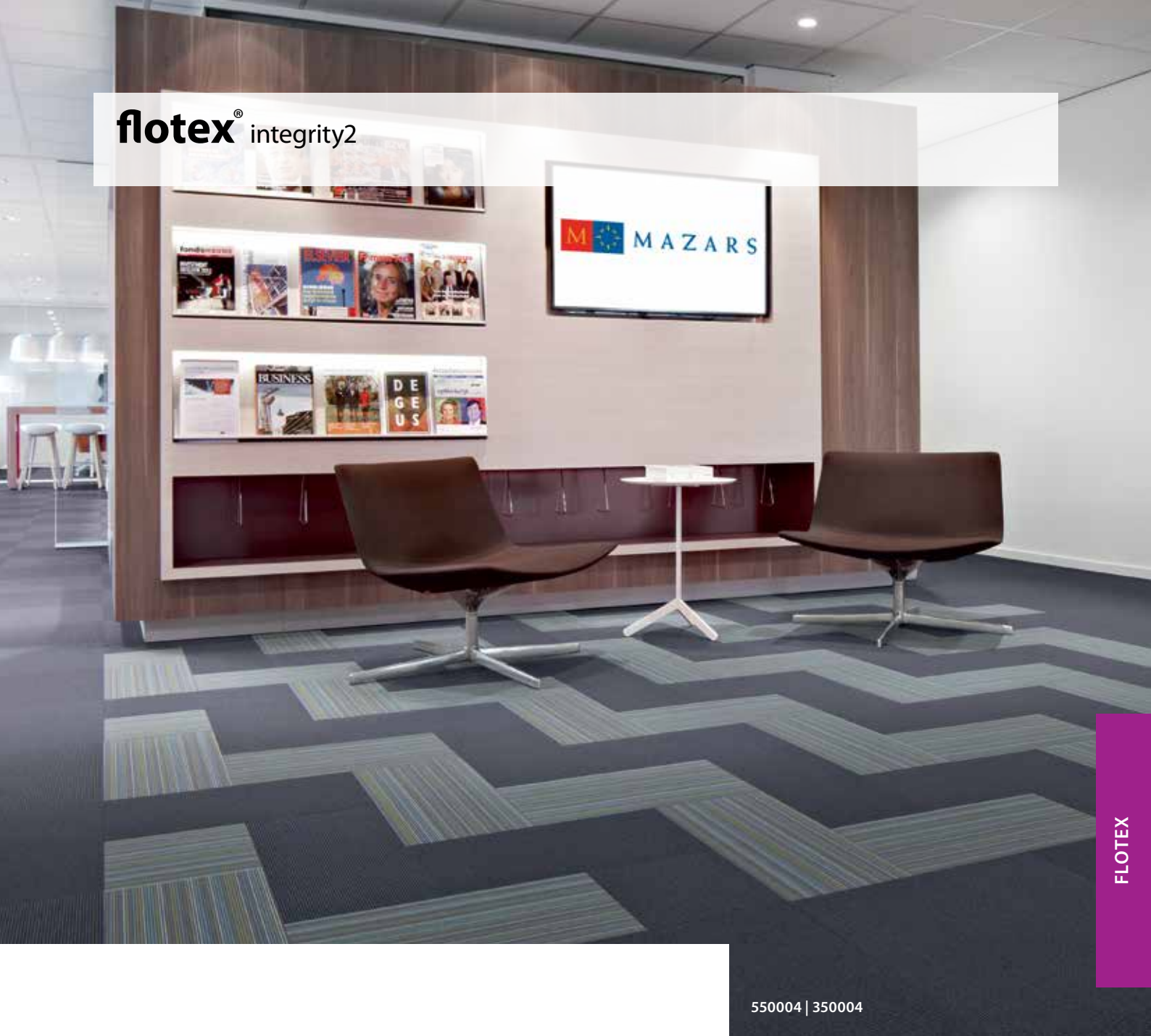


flotex® complexity



550007

flotex® integrity2



550004 | 350004

Flotex Complexity is only available in tile format.



forest | t550008



blue | t550007



grey | t550001



steel | t550002



straw | t550010



cognac | t550005



marine | t550006



charcoal | t550003



navy | t550004



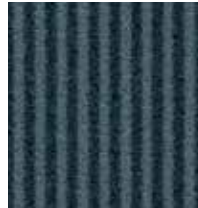
taupe | t550009



straw | t350010



leaf | t350011



marine | t350006



granite | tt350012



grey | t350001



navy | t350004



taupe | t350009



cognac | t350005



forest | t350008



blue | t350007



charcoal | t350003



steel | t350002

Flotex Integrity<sup>2</sup> is only available in tile format.





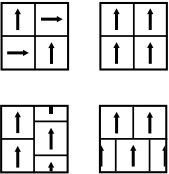
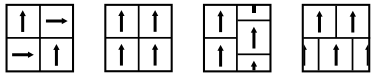
flotex<sup>®</sup> cirrus

flotex<sup>®</sup> stratus

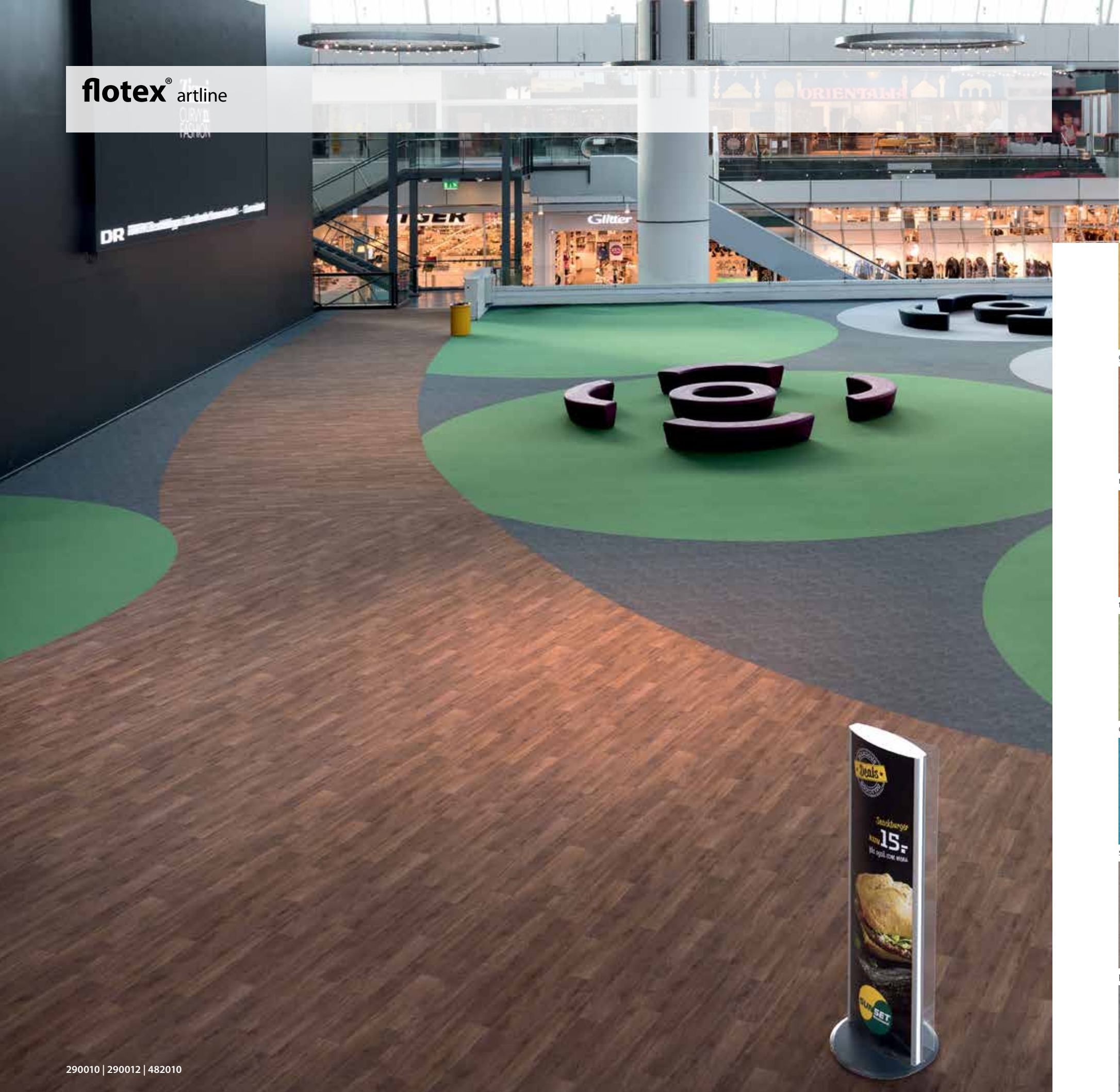
270003

540008 | 570008

FLOTEX







With Flotex Artline you are able to make borders, creative features and delineators between colour ways or even different designs. Artline is available in 11cm and 22cm widths and matches the base shades of the various Flotex designs.



gold | 200099



acid | 200090



melon | 200072



brick | 200073



berry | 200083



cinnamon | 200094



tangerine | 200003



red | 200008



pink | 200091



lilac | 200100



citrus | 200085



moss | 200087



evergreen | 200088



petrol | 200007



sapphire | 200092



electric | 200096



tempest | 200110



indigo | 200016



pebble | 200076



truffle | 200093



cocoa | 200081



chocolate | 200114



nimbus | 200044



grey | 200046



ash | 200031



anthracite | 200050



# THE DIGITAL WORLD OF **FLOTEX VISION**

With Flotex Vision, Forbo offers a **unique collection** of **high definition digitally printed designs**

Due to the fact that Flotex has up to 80 million fibres per square metre, it provides a uniquely high density substrate for printing. As a result vibrant designs and true to life visuals can be printed in high level photographic resolutions. All desired colour shades, -tones and -hues can be achieved.

#### **Fantastic effects**

Digital print offers an infinite number of design options ranging from abstracts with an intricate colour spectre to realistic images of grass, sand or water, or any pictures projected on your floor. Create 3D depth or a "trompe d'oeil" effect on your floor. Bring nature in your room by creating a pebble beach or moss surface on your floor.

#### **Endless design options**

Digital printing is also well suited for those collections that require visual detail and effects that cannot easily be reached through conventional print. Flotex Vision contains over 600 individual items, ranging from traditional to contemporary, including many with a wide choice of colourways.

#### **Colour your own or design your floor**

Like the design, but cannot find the colour you want, or matching a design to your corporate colour scheme? Flotex Vision offers a large number of designs that can be recoloured by selecting the colours you want to use. If you don't see anything you like, or you have your own idea of what you want on the floor, we also offer a bespoke design service on request.



# The **flotex**<sup>®</sup> digital library

Like any library the Flotex Digital library gives you an opportunity to browse and wonder about the many opportunities that Flotex digitally printed floor coverings offer to you. We also would like to give you some guidance and offer you a logic design path to the items of your taste or choice.

We have created 6 initial entries to the library, each of them representing a design direction that might suit your taste. In addition to the items in the library there also are additional options for some designs where you can choose your own colour combination. Also there is an opportunity for bespoke, unique designs, they are not part of the library but can be discussed with your Forbo sales representative.

The designs in the library will be updated and new items will be added on a regular basis. At this moment the library contains 600 different designs and colour ways.

The entries to the library are as follows:



**Floral**  
A selection of 8 different floral designs, ranging from abstract, graphic flower motives to romantic images of roses and butterflies or flower designs that fit very well into children's daycare centres. Each of the 8 design types comes in a variety of colour ways.



**Linear**  
8 line or stripe designs with their own characteristics, ranging from plain and simple to very complex and multi-colour.



**Pattern**  
The intricate play of networks and patterns that provides textured floors with a clear and non-directional visual. Each design can be chosen in a number of colour ways.



**Shape**  
A collection of organic shapes and motives that result in beautiful all over patterns ranging from contemporary to traditional designs.

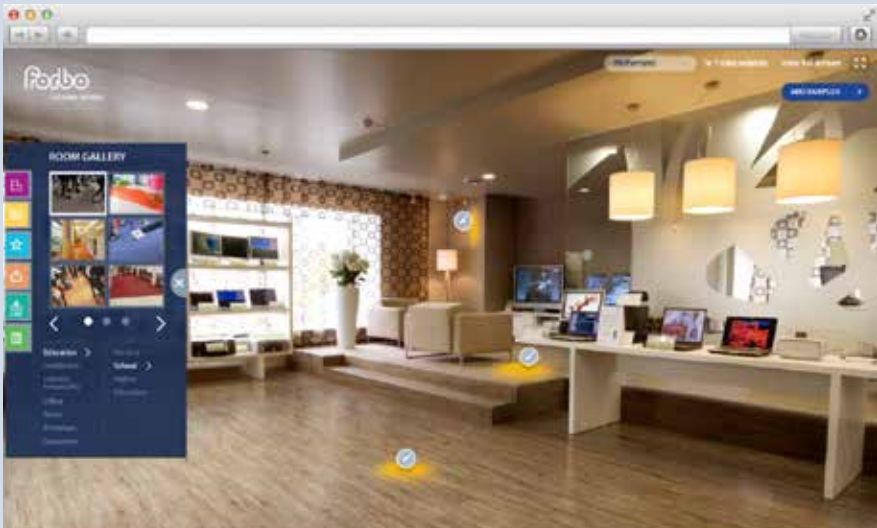


**Image**  
This section of the library contains a wide variety of photographic images that are transferred into interesting theme floors. Grass, sand, water drops, buttons or street maps are amongst the interesting options.

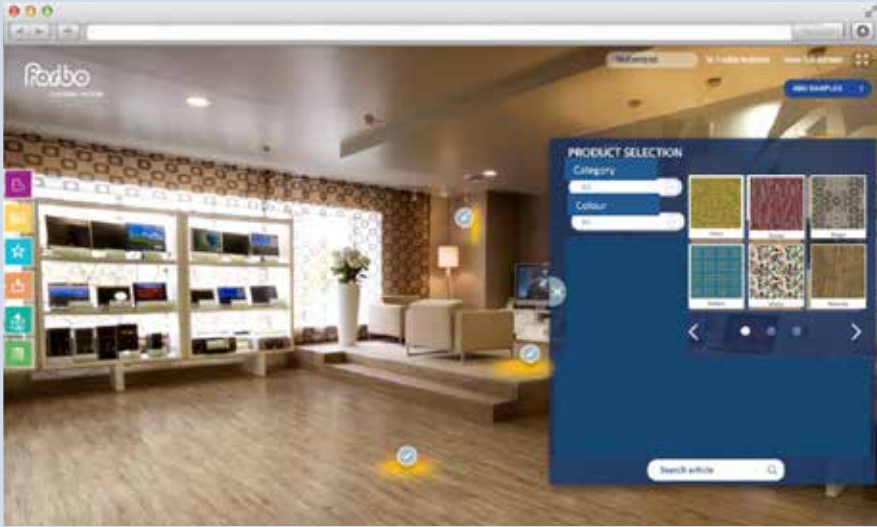


**Naturals**  
Floor images that represent materials like wood, stone, ceramics or cork floors. The design technology creates real and life like floors, with a twist for example wood planks that are acoustic and comfortable to walk on.

## Go online and discover over 600 designs for your floor

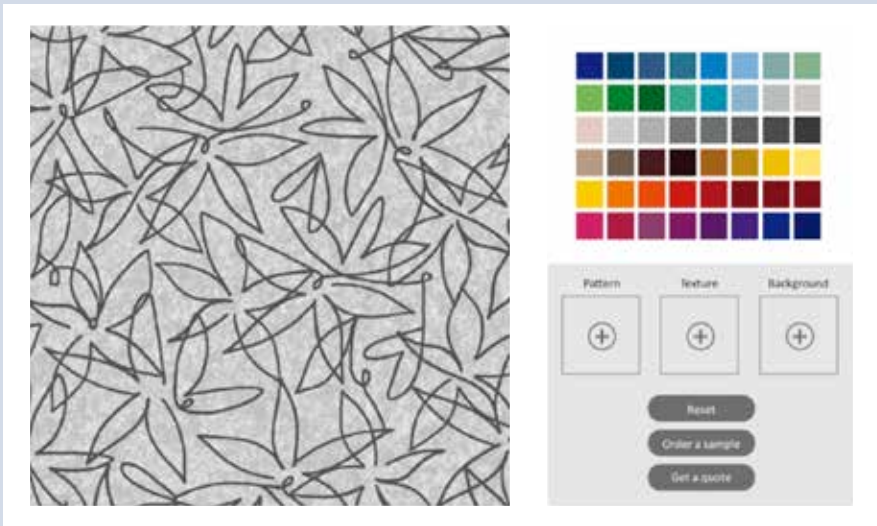


- Find your design in 4 easy steps:**
1. Access [www.flotexvision.com](http://www.flotexvision.com)
  2. Choose your main design entry in the library (1 out of 6 entry options)
  3. Choose the collection you like
  4. Choose the colour you like... and order your sample online



**View rooms in hundreds of floor designs**

Explore online how you can customise your floor designs. Some designs can even be fully matched with your taste or branding colours.



**Recolour designs**  
Some designs in the library you can colour as you wish. The colour bank offered can be used for the background and the pattern.



**At the crossroads of art, design and architecture, the work of Ettore Sottsass represents the birth of non-conformist Italian design, somewhere between the industrial and the experimental. A prominent figure in Italian design since the 1950's, this ingenious free thinker sought to explore every creative avenue with a non-conformist attitude that was both assuming and audacious.**

Whether designer, architect, sculptor, artist or photographer, Ettore Sottsass has left his mark and his commitment in his global view of the environment and space, through his sculptures, jewellery, artwork, furniture, and industrial objects. Today, many designers and architects emulate his spiritual heritage, radical in its stance against functionalism.

The exclusive design collaboration with Flotex was borne out of the desire to work with an innovative flooring technology and its precision HD printing brings to life the avant guard designs that clearly carry the Sottsass signature.

There are four designs: Terrazzo, Wool, Bacteria and Kasuri. These designs have features in common: irregular, apparently random and organic forms, and the "optical" features that play with scale. Thanks to the ease of printing, almost every design is possible. The collection is available in a wide range of different colourways and include hot fashion colours in strongly contrasting combinations.



990104



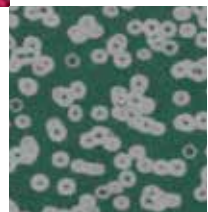
990105



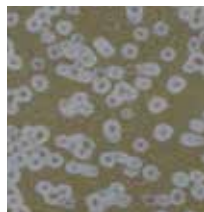
**flotex<sup>®</sup>** bacteria

990101

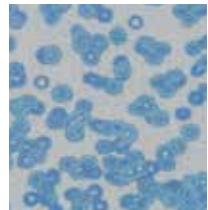
In Bacteria, Redfern has taken one of Ettore Sottsass's signature designs, created in the late 1970's, a prescient forerunner of the current modern age of nano technology and genetic engineering. Optically challenging, the design is open to wide interpretation, close up amoebic forms sway and shift, from afar it appears as a constellation of distant stars. Bacteria is available in twenty colourways on a combination of black, white and pale grey grounds.



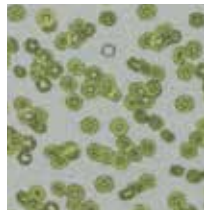
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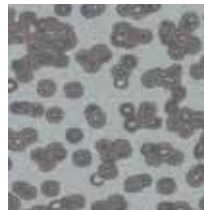
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990202



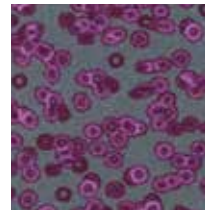
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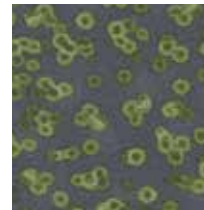
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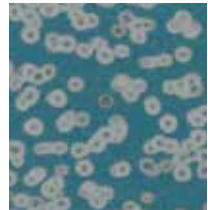
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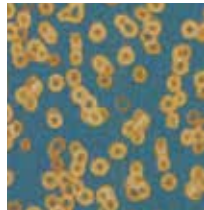
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990302



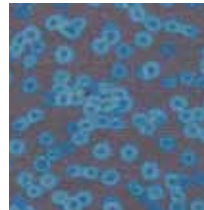
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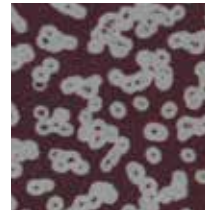
990503



990502



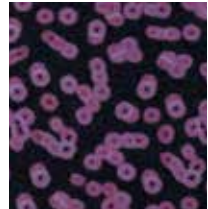
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990402



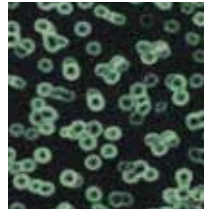
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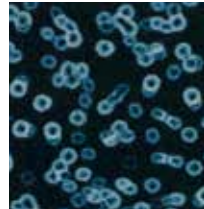
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990101



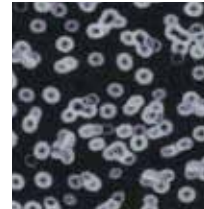
990102



990105



990103



990106

**flotex<sup>®</sup>** wool

990601



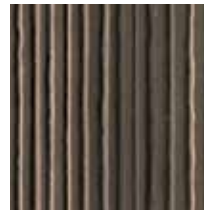
990601



990602



990603



990604



990605



990606



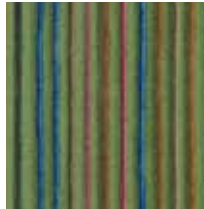
990607



990608



990609



990610



990611



990612

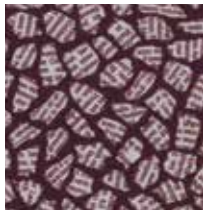
The Wool design implies the texture and stranded feel of this natural material, whilst presenting a strongly impressionistic effect. Irregular coloured strands form linear (and roving) patterning, reminiscent of Bridget Riley op-art. When viewed from a distance this design dramatically shifts perspective and redefines the interior space.



flotex® terrazzo



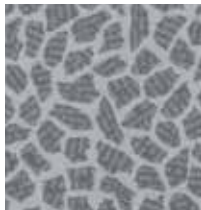
990701



990704



990705



990706



990707



990701



990712



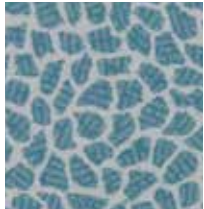
990713



990702



990703



990708



990709



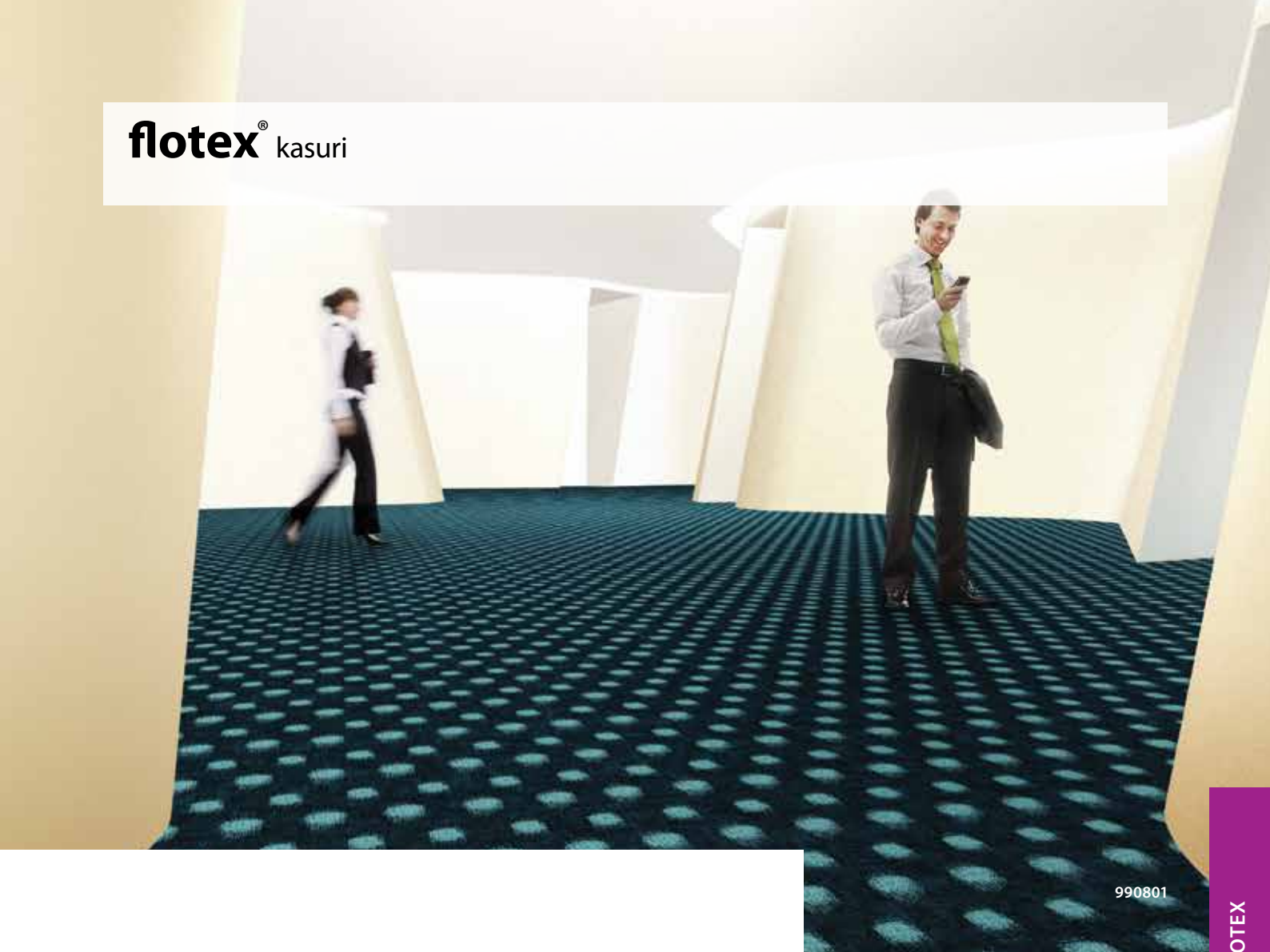
990710



990711

Terrazzo is a witty “twist” on the concept of traditional Italian Terrazzo (a poured concrete flooring containing chips of stone, marble or glass with distinctive and irregular pattern when dry and polished); on closer inspection, the “chips” in Terrazzo are revealed as pieces of torn paper – each holds its own story.

flotex® kasuri



990801



990801



990807



990803



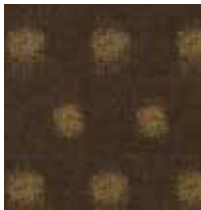
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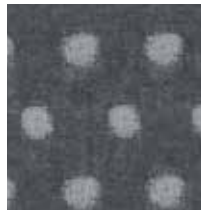
990809



990802



990810



990804



990805



990815



990806



990816



990811



990813



990812

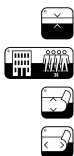


















990814






















Kasuri draws its inspiration from the traditional Japanese woven textile technique used to create the eponymous fabric. Redfern uses the digital pixel in the fusion of contemporary and traditional references inherent in this design.



Technical specifications: **flotex** colour and linear

Flotex sheet and tile meet the requirements of EN 1307				
		sheet		tile
	Total thickness	ISO 1765	4.3 mm	5.3 mm
	Commercial use	EN 685	Class 33 heavy	Class 33 heavy
	Roll width		2.0 m	–
	Roll length		30 m	–
	Tile size	–	50 x 50 cm	
	Quantity of tiles per box	–	12 (3m²)	
	Total weight	ISO 8543	1.8 kg/m²	4.5 kg/m²
	Dimensional stability	ISO 2551 / EN 986	< 0.2%	< 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles
	Castor chair continuous use	EN 985	r = ≥2.4 continuous use	r = ≥2.4 continuous use
	Light fastness	EN ISO 105-B02	≥ 6	≥ 6
	Slip resistance	UK SRG pendulum	Dry – very low slip risk Wet – low slip risk	Dry – very low slip risk Wet – low slip risk
	Acoustical	EN-ISO 717-2	Impact sound ΔL <sub>w</sub> = 20 dB	Impact sound ΔL <sub>w</sub> = 19 dB
		ISO 354	Sound absorption = 0.10	Sound absorption = 0.10
	Water tightness	EN 1307 annex G	Pass	Pass
	Creating better environments			
	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources		
	Recycled content	Flotex sheet contains approximately 22% recycled content by weight Flotex tiles contain approximately 67% recycled content by weight		
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor		
	Ska	Flotex meets the Ska Rating criteria for M12 soft floor coverings in both office and retail schemes		
	LCA	LCA is a foundation for securing the lowest environmental impact		
Flotex meets the requirements of EN 14041				
	Reaction to fire	EN 13501	B <sub>f1</sub> - s1	B <sub>f1</sub> - s1
	Slip resistance	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30
	Body voltage	ISO 6356	< 2 kV	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m2 K/W	0.040 m2 K/W

Technical specifications: **flotex** vision and sottsass

Flotex Naturals, Vision and Sottsass sheet meet the requirements of EN 1307			
	 Total thickness	ISO 1765	4.3 mm
	 Commercial use	EN 685	Class 33 heavy
	 Roll width	2.0 m	
	 Roll length	30 m	
	 Total weight	ISO 8543	1.8 kg/m²
 Dimensional stability	ISO 2551 / EN 986	< 0.2%	
 Abrasion resistance	EN 1307 annex F	> 1000 cycles	
 Castor chair continuous use	EN 985	r = ≥2.4 continuous use	
 Light fastness	EN ISO 105-B02	≥ 6	
 Slip resistance	UK SRG pendulum	Dry – very low slip risk Wet – low slip risk	
	Acoustical	EN-ISO 717-2	Impact sound ΔLw = 20 dB
		ISO 354	Sound absorption = 0.10
	Water tightness	EN 1307 annex G	Pass
	Creating better environments		
	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources	
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Flotex meets the requirements of EN 14041			
	Reaction to fire	EN 13501	B <sub>f1</sub> - s1
	Slip resistance	EN 13893	DS: ≥ 0.30
	Body voltage	ISO 6356	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m² K/W



Flotex planks: sophistication & style

Flotex is neither a true textile, nor is it a resilient flooring. Its unique dense fiber construction succeeds in combining the best of both worlds: comfort & resilience. Flotex offers a flooring solution for areas where safety, hygiene and well-being are in high demand.



111001 | 111002 | 111004



111001 | 111002 | 111003 | 111004 | 111006

Flotex Seagrass planks combine lasting performance with sophistication & style. Because of its natural and warm feel, the Seagrass design goes down well in homely environments like housing for the aged or care facilities. You can create stunning floor designs with Flotex Seagrass, whether it is laid as herringbone, brick or basketweave. Sophisticated in 1 colour, or stylish with 2 or more.







131005 | 131006 | 131011

Flotex Triad planks have an exciting graphical design and offer you the creative freedom to mix and match, combining colours and installation methods easily to customize your floor. It looks great laid brick, herringbone or basket weave and has a range of exciting colourways with highlight options and a unique embossed version to add more texture and tactility to your floor.



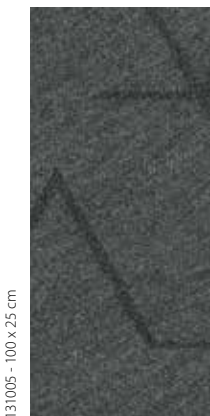
stone



mint



platinum



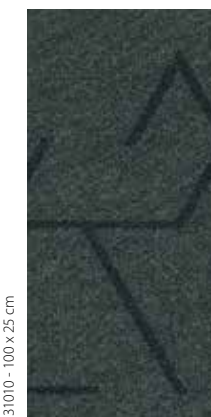
silver



steel



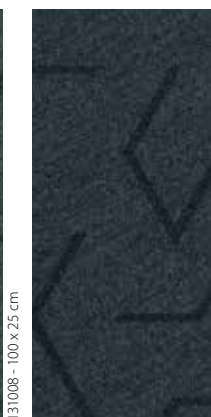
taupe



anthracite



shadow



navy



bronze



amber line



amber



blue line



blue



red line



red



green line



green



emboss zinc



## flotex® box cross

133002 | 133007 | 133011

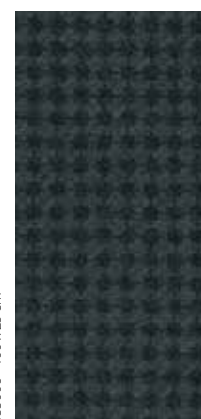
With Flotex Box Cross planks you can transform a space. With Box Cross every plank is unique. It contains a pattern that subtly changes from cross to box fading one into the other along the length whilst a diagonal texture plays across the width blending the planks together. Box Cross planks can be laid random drop and half drop.



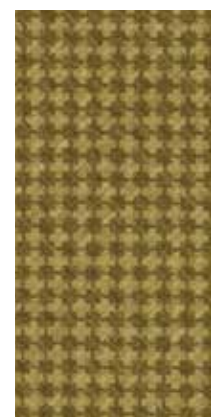
ocean



lagoon



blueberry



gold



amber



mulberry



purple



petrol



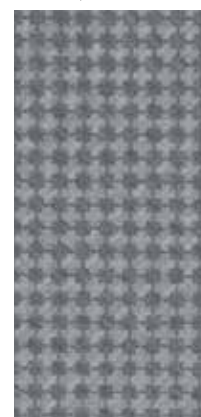
forest



biscuit



linen



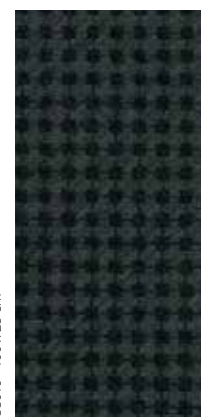
pearl



granite



seal



anthracite

## flotex® concrete

139001 | 139002 | 139003

Flotex Concrete planks offer a concrete look like you have never seen before in flooring. Highly detailed, warm and tactile but with a durability to rival a real concrete floor. Experiment with the 4 Concrete colourways to create sophisticated combinations with a timeless look.



cloud



smoke



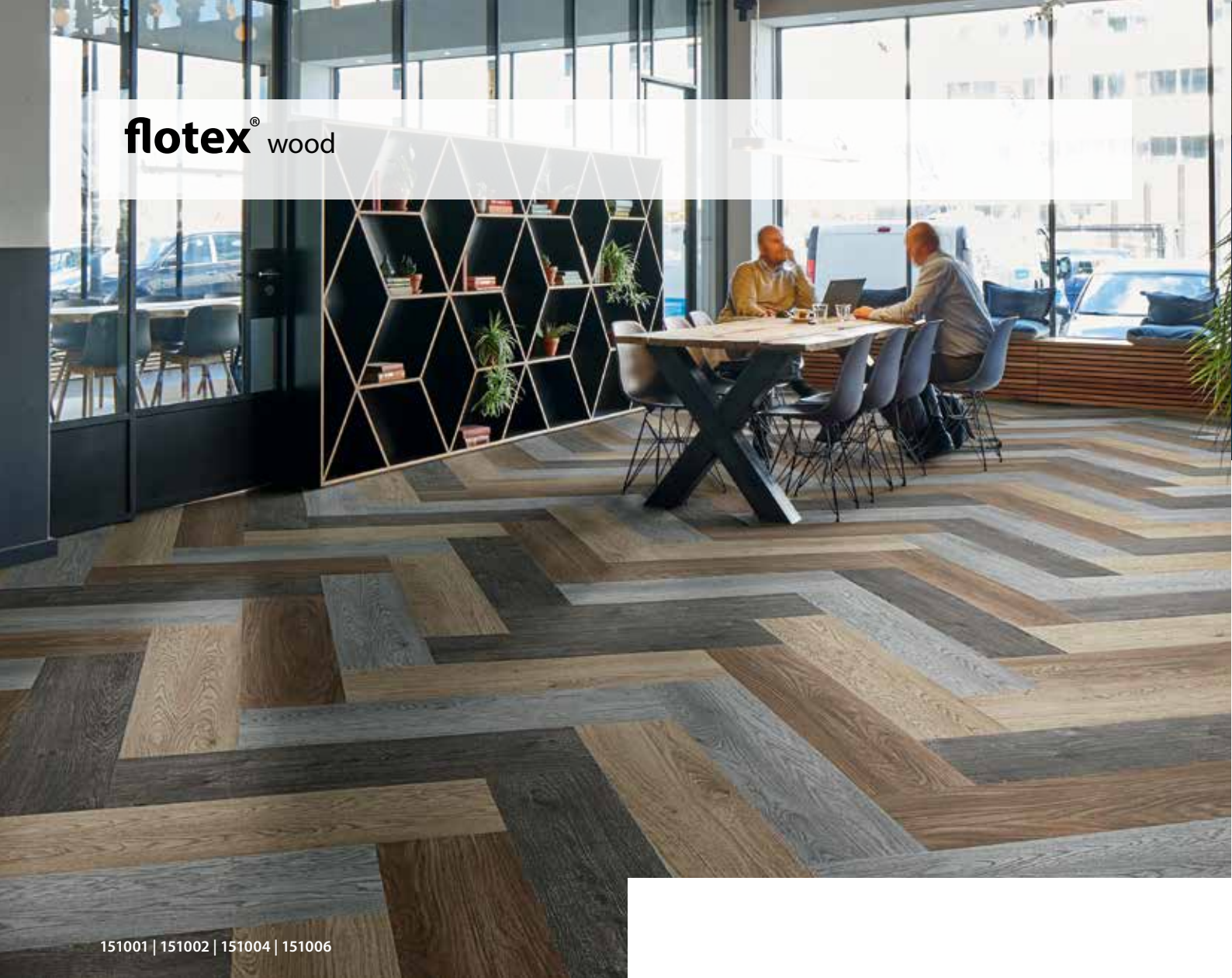
thunder



storm



flotex® wood



151001 | 151002 | 151004 | 151006

A wood pattern on a textile floor? You will be amazed on how it looks, feels and performs. A nice warm underfoot, no noise of ticking shoes and no wear. The ideal floor covering in offices, hotel rooms and elderly care locations. It is a mindset change. Get the looks of a real wooden floor with the advantages of comfortable textile flooring. All installation patterns are possible for Flotex Wood, use your imagination!



silver wood



grey wood



black wood



red wood



antique wood



american wood

flotex® lava

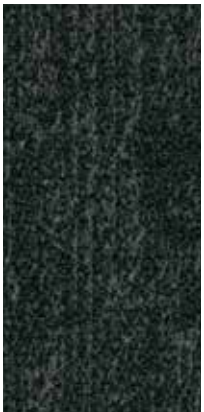


145002 | 145005 | 145007 | 145009 | 145010 | 145014

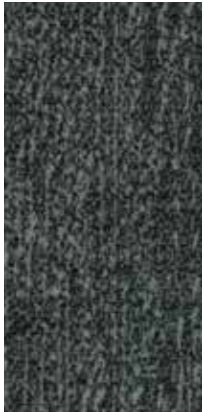
Flotex Lava planks are all about texture and colour. They give you the opportunity to define spaces, highlight areas and explore creative design combinations in every way possible. Flotex Lava offers you a large flooring choice with 18 colourways ranging from subtle shades to vibrant brights.



Pelee



Vesuvius



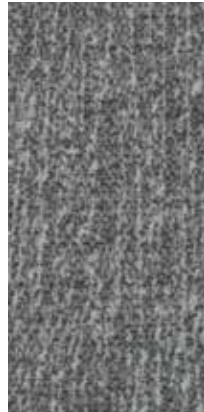
Krakatoa



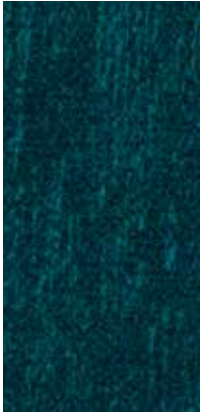
Thera



Etna



Tambora



Madeira



Nikko



Malos



Pinatubo



Fuji



Ebeko



Trident



Aqua



Fayal



Koro



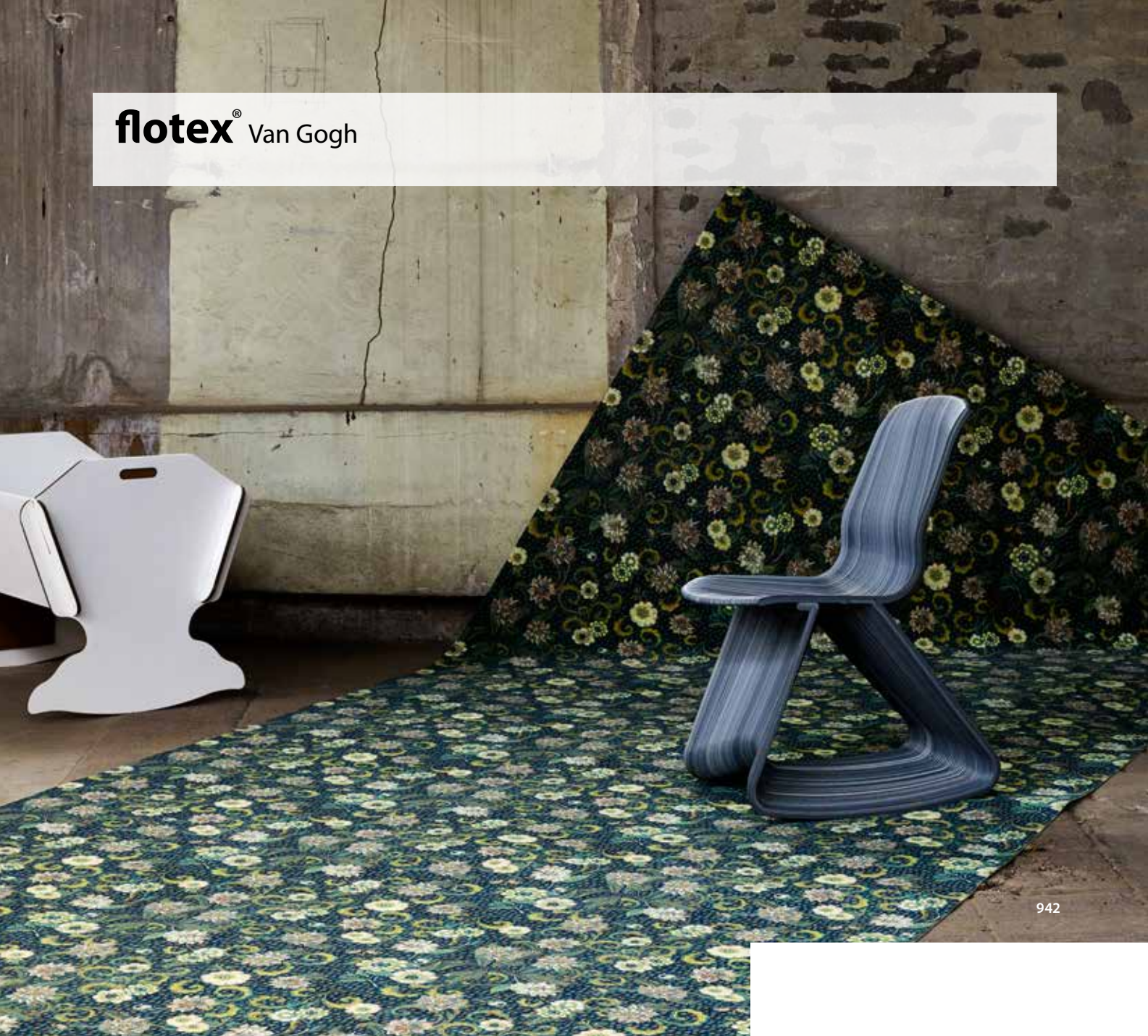
Elbrus



Vuisini

FLOTEX





942

Our designers have created 6 floor designs inspired by famous Van Gogh paintings. A tribute to Van Gogh, made possible by the unique characteristics of Flotex flocked flooring.

Thanks to the high density of the fibres, Flotex is ideal to print digitally and this allows for picturesque floors. Flotex is strong and durable, so despite intensive use the prints will remain beautiful over time.



942 | Lullaby La Berceuse



941 | Sunflowers



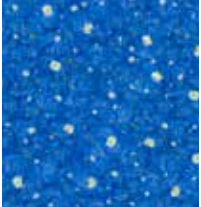
940 | Patch of Grass



943 | Postman



939 | Almond blossom



944 | Terrace at night



980209 | 980207



980211 | saffron



980207 | marigold



980203 | rust



980209 | autumn



980208 | marine



980206 | aqua



980202 | teal



980204 | raspberry



980210 | taupe



980205 | gunmetal



980201 | lead



980212 | grey

Through focusing on texture and line, Tibor's detailed photograph of straw inspired this famous pattern from the Fotexur range. The photograph was taken in the spring sunshine to give the image greater definition and the design deliberately highlights the tonal contrast between light and dark. Co-ordinating broad stripes available in two colourways.

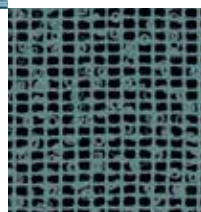


# flotex® tibor mosaic

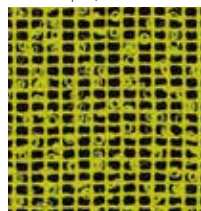


980406

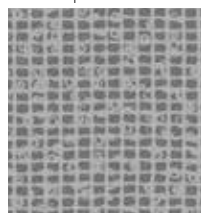
Tibor often incorporated richly-textured 'fancy yarns' into his weaves to create tactile effects. For this pattern Tibor photographed a sheer fabric made from slub yarn. The uniformity of the grid contrasts pleasingly with the randomness of the loops. Co-ordinating stripes available in two colourways.



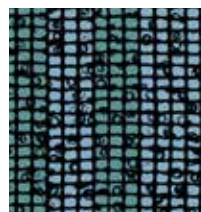
980406 | aqua



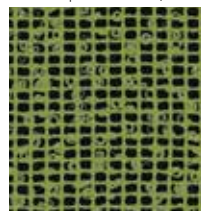
980409 | citron



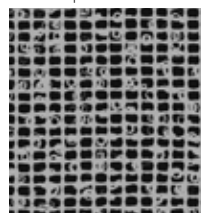
980408 | stone



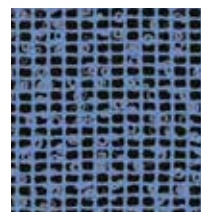
980411 | marine stripe



980404 | lime



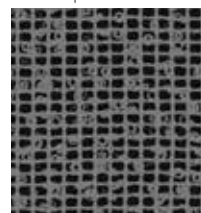
980405 | monochrome



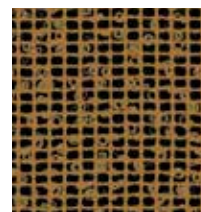
980402 | cornflower



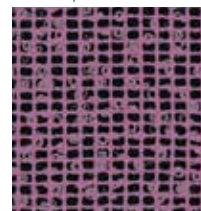
980407 | tomato



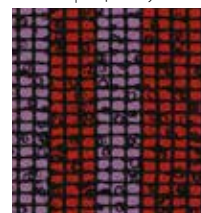
980401 | pewter



980410 | saffron



980403 | raspberry



980412 | raspberry stripe

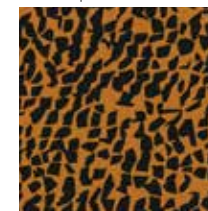
# flotex® tibor quartz



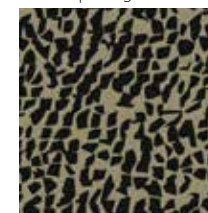
980101



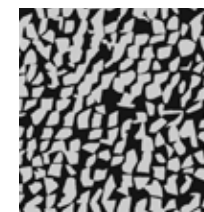
980104 | white



980105 | orange



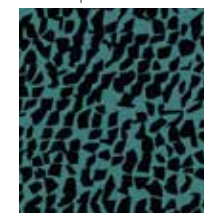
980102 | camel



980101 | black



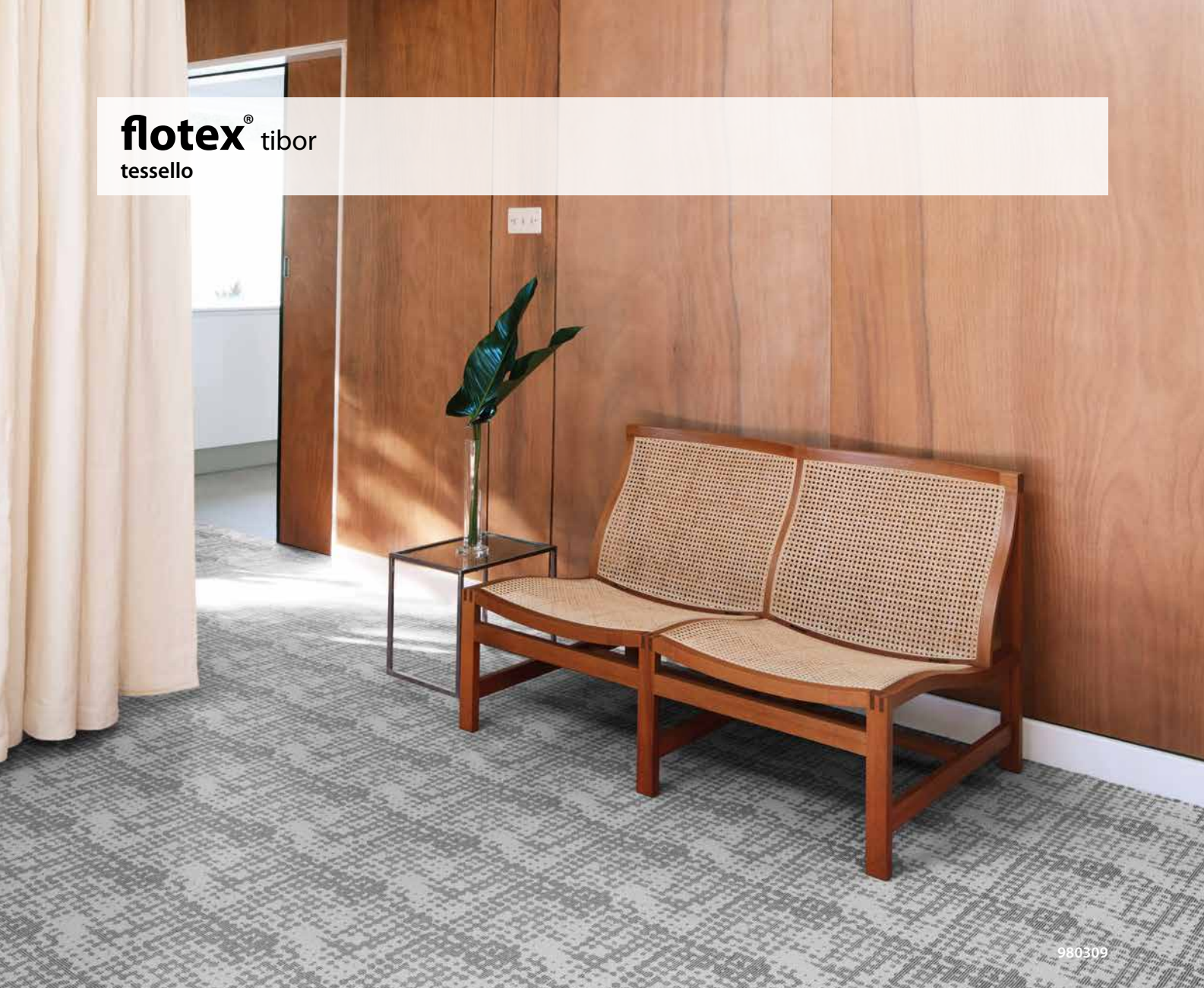
980105 | saffron



980106 | cornflower

The natural world provided a great source of inspiration for Tibor and he photographed it extensively. This pattern depicts the granular composition of rocks and pebbles.





980309



980702

This ingenious Tibor pattern has two distinct layers: a fine mesh in the background, overlaid with a fragmented larger scale-grid. Structured yet informal, its subtle textures create a highly effective low-key flooring design.



980309 | stone



980305 | Ice



980301 | pewter



980310 | taupe



980307 | saffron



980303 | lime



980302 | aqua



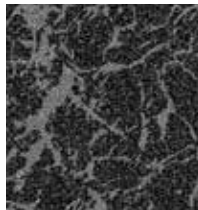
980306 | marine



980308 | fuschia



980304 | tomato



980702 | pewter



980703 | grey



980705 | heather



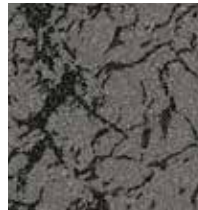
980706 | honey



980704 | marine



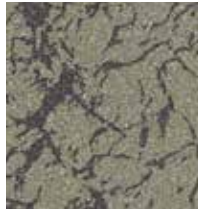
980707 | mauve



980708 | smoke



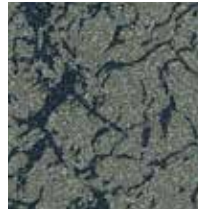
980709 | stone



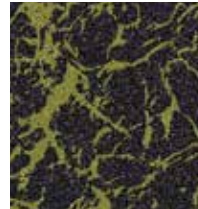
980711 | taupe



980712 | clay



980710 | moss



980701 | lime

Although this pattern resembles marble, it was actually inspired by a photograph of cracked mud in the riverbed next to Tibor's Clifford Mill. One of his most famous Fotexur designs, it was originally used for a woven carpet called Padua, so it is particularly apt that it is now being used for decorative flooring once again. The majority of colourways work in pairs as positive and negative variations.

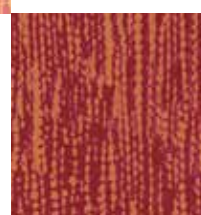


**flotex®** tibor  
tweedy



980504

Tibor was unusual as a textile designer in creating both printed and woven fabrics. This pattern was inspired by a photograph of one of his celebrated Deep Texture weaves, in which irregular slubby yarns were used to create tactile fabrics with textural variety and depth.



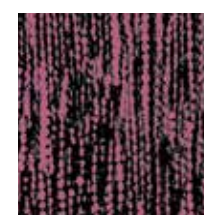
980504 | flame



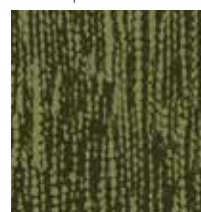
980509 | orange



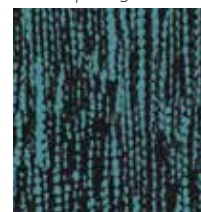
980514 | citron



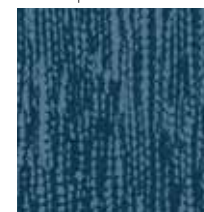
980512 | raspberry



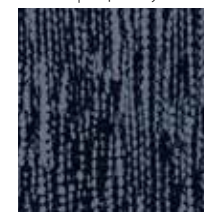
980508 | lime



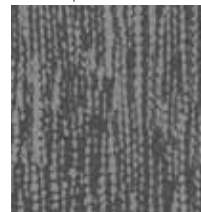
980513 | petrol



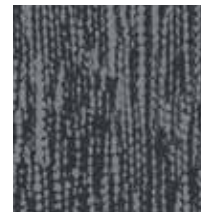
980503 | aqua



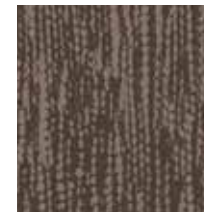
980502 | marine



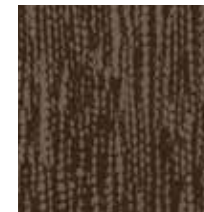
980506 | stone



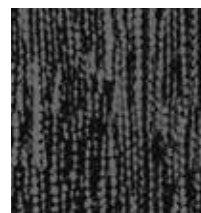
980507 | grey



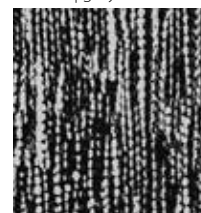
980510 | clay



980505 | coffee



980501 | pewter



980511 | monochrome

**flotex®** tibor  
arbor



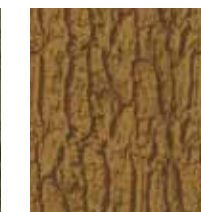
980610



980604 | purple



980603 | moss



980612 | saffron



980608 | marigold



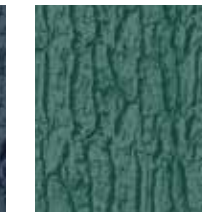
980607 | clay



980611 | taupe



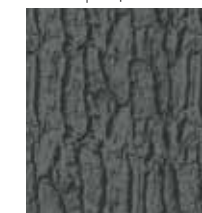
980602 | marine



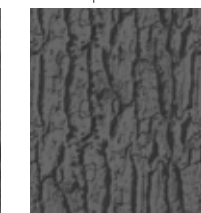
980606 | aqua



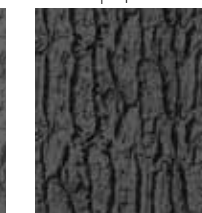
980610 | cornflower



980609 | stone



980605 | grey



980601 | pewter

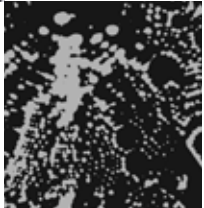
Like all Tibor's Fotexur patterns, the starting point for this design was a crisp black and white photograph taken by the designer himself. The image, recording the rough striated bark of an oak tree, is ruggedly textural, providing the perfect foil for varied coloured overlays.

FLOTEX





This design, derived from a photograph of an atomic structure, symbolises the period known as the Atomic Age. Part of the Colatomic range, launched in 1960, it reflects Tibor's dual interests in colour and texture. It also reflects the impact of Abstract Expressionism, which was very popular in the art world at the time.



980803 | monochrome



980804 | aqua



980802 | saffron



980801 | raspberry

Technical specifications: **flotex** tibor

Flotex Tibor sheet meet the requirements of EN 1307

	Total thickness	ISO 1765	4.3 mm
	Commercial use	EN 685	Class 33 heavy
	Roll width	2.0 m	
	Roll length	30 m	
	Total weight	ISO 8543	1.8 kg/m²
	Dimensional stability	ISO 2551 / EN 986	< 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles
	Castor chair continuous use	EN 985	r = ≥2.4 continuous use
	Light fastness	EN ISO 105-B02	≥ 6
	Slip resistance	UK SRG pendulum	Dry – very low slip risk Wet – low slip risk
	Acoustical	EN-ISO 717-2	Impact sound ΔLw = 20 dB
		ISO 354	Sound absorption = 0.10
	Water tightness	EN 1307 annex G	Pass
	Creating better environments		
	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources	
	Recycled content	Flotex sheet contains approximately 22% recycled content by weight	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Flotex meets the Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	LCA	LCA is a foundation for securing the lowest environmental impact	

Flotex meets the requirements of EN 14041

	Reaction to fire	EN 13501	B <sub>f</sub> s1
	Slip resistance	EN 13893	DS: ≥ 0.30
	Body voltage	ISO 6356	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m² K/W





# CARPET TILES & NEEDLEFLET





1800, 1805, 1809, 1811, 1813

# UNIQUE COLLECTIONS WITH SPECIFIC PROPERTIES

## Carpet tiles

Today's office environments frequently accommodate layout changes, which is why carpet tiles, with their ability to quickly adapt to new requirements, can reduce the cost of reorganisation. Where carpet tiles are installed, telephone, network, electrical and other underfloor systems remain easily accessible for these changes to be made.

## The carpet tile constructions

Our collections consist of different constructions, each with its own specific characteristics. The variety of tufting - the making of loops of yarn on a ground cloth - creates different constructions.



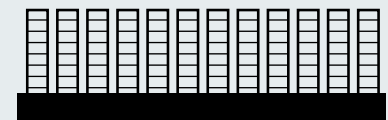
## Loop pile

Carpet tiles with a loop pile construction are designed to maintain their good looks in the most demanding heavy traffic areas of buildings such as corridors and reception areas. There are various styles of loop pile products in the Tessera range covering level loop and multi-height loop pile constructions.



## Cut and loop

Cut and loop pile tiles feature a clever hybrid construction that offers all the robustness of a conventional loop pile product but with the superior aesthetics and more luxurious feel of a cut pile carpet tile.



## Fusion bonded

Fusion bonding is a sophisticated method of carpet tile manufacture where individual yarn pile is bonded onto the backing material to make an extremely dense and luxurious product. A high proportion of the yarn is in the wear surface providing a beautiful, rich velour carpet tile which gives an excellent broadloom appearance.

## Westbond

The Westbond product range is synonymous with total flexibility and sophistication. Blending yarns to order and manufacturing premium quality fusion bonded tiles in an almost infinite number of colourways, with no minimum order quantity, Westbond allows customers to take control of the process of designing luxurious, bespoke carpet tiles with exceptionally heavy pile weights for the most prestigious installations.

## Needlefelt

The robust, hard-wearing properties of Needlefelt make it ideal for installations that meet high traffic or in those areas where chairs with castors are likely to be in use, such as in offices, administrative premises and retail establishments.





## CARPET TILES & NEEDLEFELT

### 260 tessera

Tessera offers stylish, sustainable and hardwearing tufted carpettiles in various pile constructions and textures, delivering specific performance and aesthetic benefits.

### 262 tessera loop pile

Carpet tiles with a loop pile construction are designed to maintain their good looks in the most demanding heavy traffic areas of buildings, even in corridors and reception areas. There are various styles of loop pile floors in the Tessera range, covering level loop and designer loop constructions

### 276 tessera random lay. batchless

A random lay tile is cleverly designed so that it may be laid in any direction to produce a totally individual installation. Different production consignments of 'batchless' tiles can be used together without the usual risk of visible batch variation.

### 278 tessera cut & loop pile

Cut & loop pile carpet tiles feature a clever hybrid construction that offers all the robustness of a conventional loop pile floor covering but with the superior aesthetics and more luxurious feel of a cut pile carpet tile. Tessera offers cut & loop pile tiles in various aesthetic styles, for all types of environments.

### 282 tessera cut pile

Softer and more luxurious than loop pile, cut pile carpet tiles are ideal for boardrooms and meeting rooms in addition to general office environments. Tessera offers one tufted cut pile tile range to meet different aesthetic requirements.

### 290 westbond

Westbond fusion bonded carpet tiles offer infinite colour possibilities and exceptional quality and luxury from as little as 1m<sup>2</sup>.

## NEEDLEFELT

### 302 showtime

This fine fibre needlefelt collection offers a large choice of uni colours which coordinate perfectly with the printed designs allowing the demarcation of individual spaces and the creation of different moods.

### 324 forte

Forte is the premium product in our needlefelt range, offering the maximum feeling of comfort that comes with a fibre weight of approximately 750 g/m<sup>2</sup>. Forte is an impressive premium product.

### 328 markant

Markant is a high-quality, coarse-texture covering made of 100% polyamide fibres, equipped with all the characteristics required for hard-wearing performance in frequently used places. Markant comes with a fibre weight of approximately 600 g/m<sup>2</sup>.



# TESSERA

## ENORMOUS DESIGN POSSIBILITIES

### TESSERA & WESTBOND CARPET TILES

Forbo carpet tiles are renowned for their aesthetic styling and outstanding performance in the most demanding heavy traffic environments. Side by side these three long established reputable brands offer specifiers and their clients an unrivalled carpet tile offer to meet every possible design brief.

#### Carpet tiles

Carpet tiles are renowned for their aesthetic styling and outstanding performance in the most demanding heavy traffic environments. Forbo Flooring offers a wide portfolio of carpet tile ranges, providing an extensive choice of design, colour, installation options and price points.

#### Tessera carpet tiles

- Colour co-ordinated for maximum design flexibility
- Quicker to install than broadloom carpet
- Installation wastage is reduced
- Damaged or soiled tiles can be replaced
- Wear rotation to extend flooring lifespan
- Renovation with minimal disruption
- Compatibility with entrance systems

#### Materials used:



Basis, Format and Apex 640 are manufactured from 100% Aquafil solution-dyed nylon yarn, renowned for its low dust and dirt penetration and superior colour fastness. Accordingly, Apex 640

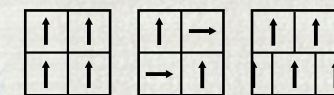


Inline is produced with 100% Universal polyamide. The use of high lustre Antron® 'metallic' yarn in Helix gives a restrained reflective quality to this distinctive multi-height loop pile tile



Designed for heavy contract installations and constructed using regenerated solution dyed ECONYL® polyamide, Create Space 1 carpet tiles are not only tough and durable but also respond to globally increasing environmental concerns. Up to 100% of the yarn (average 86% across the colour range) is regenerated from post-consumer and post-industrial waste streams including old carpets and discarded fishing nets.

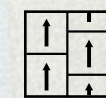
#### Installation methods



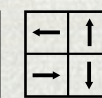
Broadloom

1/4 Turn

bricklay



ashlar



random



**tessera®** atrium  
loop pile



1460

Atrium is a heavy contract carpet tile at a very affordable price, providing an excellent choice for any office environment. A structured loop pile tile manufactured from 100% polyamide, this great all rounder offers outstanding wear performance and appearance retention, keeping its good looks year after year. Atrium comes with a broad palette of 24 bold colourways, providing an excellent choice for any office environment.



**tessera®** arran  
loop pile



1500

Arran's natural, almost 'artisan' appearance belies the complexity of its multi-height textured loop pile design and the state of the art manufacturing technology behind it. Using CMC Infinity machinery Forbo's designers have developed a carpet tile with unashamedly irregular peaks and furrows which broadlooms beautifully to deliver an alluringly tactile linear design offering real warmth.





**tessera®** barcode  
loop pile



304

Barcode challenges the uniformity and rigidity of conventional linear low level loop pile tiles and, with its confident bands of contrasting colours in varying widths, delivers a more eclectic and exuberant look that is right on trend for today's commercial environments.



311 | double yellow line



314 | time line



318 | goal line



313 | fishing line



310 | story line



301 | pipe line



316 | picket line



307 | colour line



304 | main line



308 | sky line



305 | chorus line



302 | border line



303 | punch line



306 | chat up line



309 | party line



315 | branch line



312 | starting line



317 | dotted line

**tessera®** basis  
loop pile



Suitable for every type of commercial installation, Tessera Basis fits throughout the building, wherever an attractive and hardwearing modular floorcovering is required. Available in 18 semi-plain colourways, Basis offers an exceptionally diverse palette with classic and contemporary shades which fit beautifully with any office interior.



366 | yellow



368 | beige



363 | sage



360 | green



362 | red



365 | rust



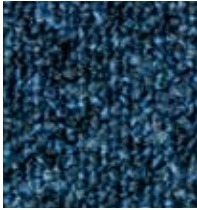
359 | light blue



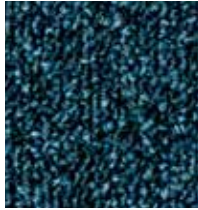
356 | mid blue



355 | dark blue



352 | navy



353 | marine



361 | rose



367 | olive



364 | brown



358 | light grey



357 | mid grey



354 | dark grey



351 | jet



tessera® format  
loop pile



609

With a distinctive textured construction and a broad colour palette of 18 contemporary and commercially attractive tonal shades, Format has taken low loop pile tiles into a new dimension. This hardwearing heavy contract carpet tile, manufactured using new high tech tufting machines combines rich texture with densely packed low loops for superior aesthetic appeal and real added value. A universally attractive carpet tile suitable for heavy traffic environments in all types of commercial premises, Format boasts a high castor chair rating, making it an ideal and cost-effective solution for busy offices large and small.

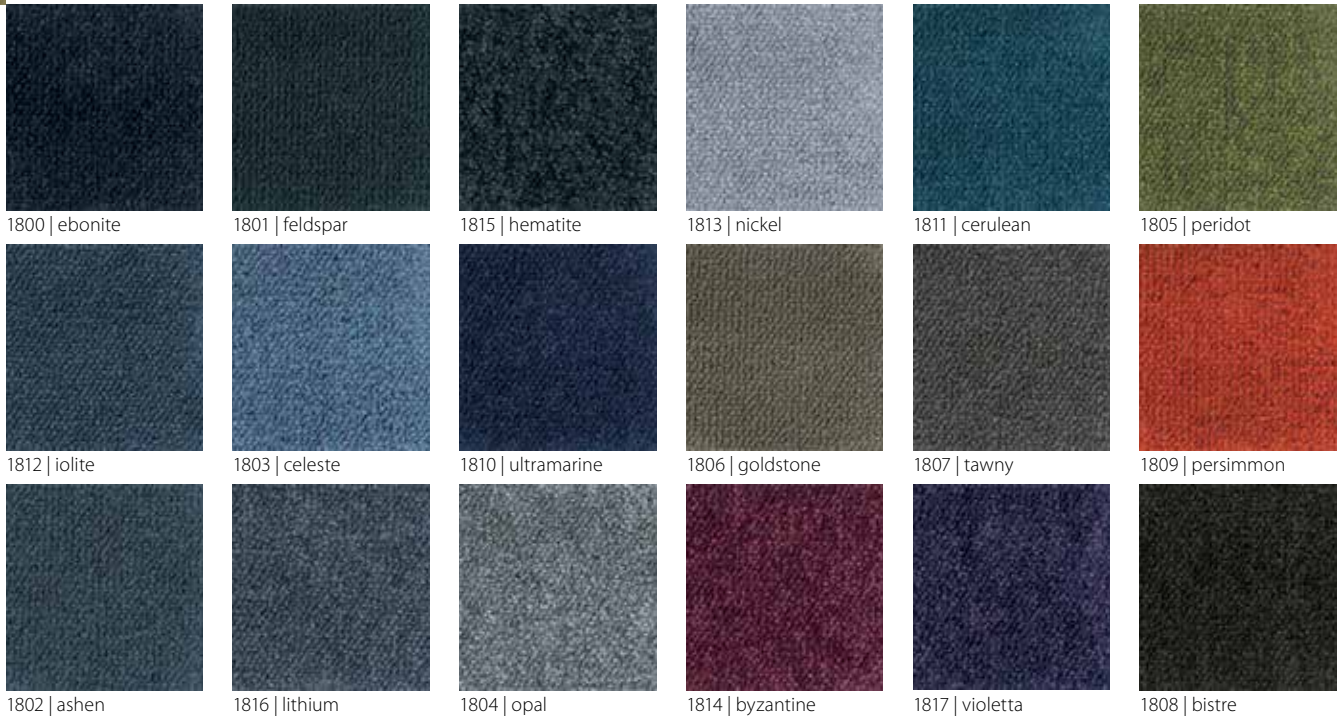


tessera® create space 1  
loop pile



1800 | 1805 | 1809 | 1811 | 1813

An exceptionally flexible range of 18 commercial colourways, Create Space 1 is suitable for any commercial spaces, large or small. Styled for today's interiors, Create Space 1 lends itself to single colourway installations, feature area designs and bespoke creative schemes.





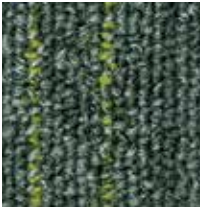
**tessera®** create space 2  
loop pile



2805 | 1805

Featuring a versatile geometric stripe design and a contemporary palette of 15 colourways, Create Space 2 adds stylish and creative interest to any size of flooring scheme.

Create Space 2 carpet tiles are designed to provide the maximum flexibility in any installation as they can be fitted in a variety of styles including broadloom, non-directional (reduces installation waste to less than 2%), tessellated or half drop. Each creates a very modern and individual aesthetic.



2802 | taverine



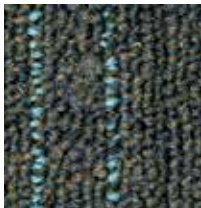
2806 | sandstone



2812 | celadon



2810 | indigo



2803 | purbeck



2808 | burnet



2807 | alder



2813 | periwinkle



2800 | licorice



2801 | argent



2814 | heliotrope



2804 | greige



2811 | quartz



2805 | olivaceous



2809 | cinnabar

**tessera®** helix  
loop pile



812



805 | burnish



803 | clay



811 | cobalt



809 | copper



807 | glaze



808 | silica



806 | mortar



804 | taupe



812 | marble



801 | glass



813 | zircon



802 | oxide



810 | carbon

The use of high lustre Antron® ‘metallic’ yarn in Helix gives a restrained reflective quality to this distinctive multi-height loop pile tile. The silver coloured nylon thread is cleverly juxtaposed with Antron’s solution dyed yarns drawn from a contemporary colour palette comprising greys, taupes, blues and beiges. Inspiration for these 13 muted and subdued colourways is derived from architectural materials and the hues of the modern urban landscape.



**tessera<sup>®</sup>** inline  
loop pile



852

One of a new generation of cleverly textured loop pile tiles from Tessera, Inline adds a completely new twist to the concept of linear design. Featuring rich, differential texture. Inline provides a strong directional pattern, randomly interspersed with patches of tonal relief. This ‘broken linearity’ and combination of high and low level loops, delivers a visually interesting backdrop for any commercial interior design scheme. The forgiving design masks tile edges resulting in a broadloom appearance when laid in monolithic fashion.



858 | golf



851 | romeo



855 | uniform



852 | alpha



857 | lima



861 | echo



853 | bravo



856 | kilo



854 | oscar



859 | sierra

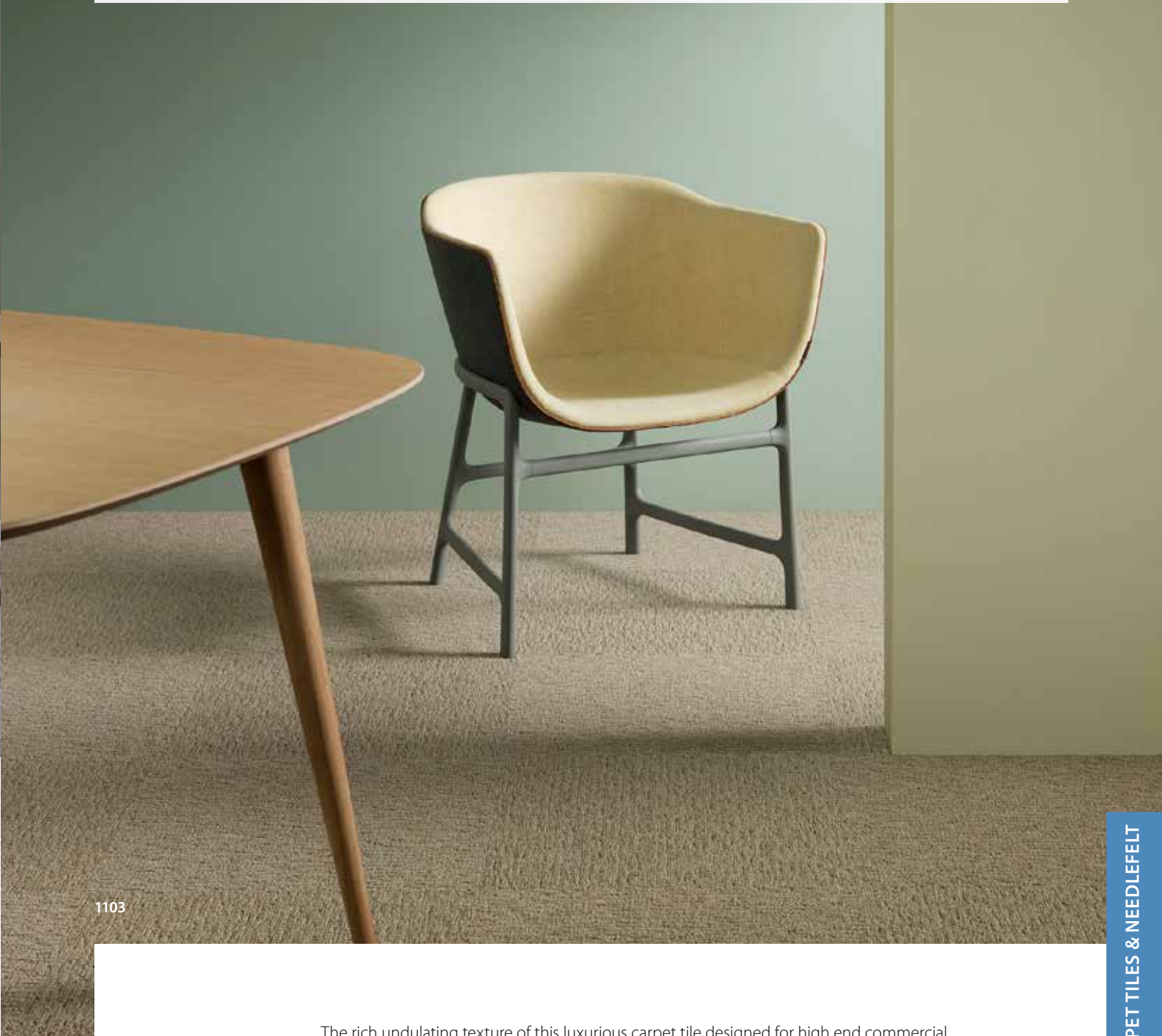


860 | zulu



862 | tango

**tessera<sup>®</sup>** rippleweave2  
loop pile



1103



1101 | sand



1102 | cobblestone



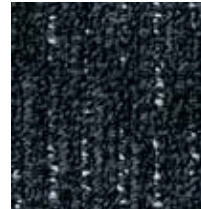
1103 | barnstone



1104 | clay



1105 | mica



1107 | shale



1106 | steel

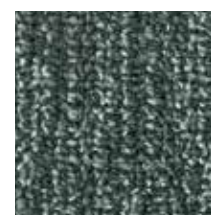
The rich undulating texture of this luxurious carpet tile designed for high end commercial interiors and hospitality environments is perfectly captured by the name Rippleweave2. Taking state-of-the-art Infinity CMC tufting technology into previously uncharted waters, Tessera has created a sophisticated textured loop pile carpet tile that flows across the floor delivering an unmistakable look of opulence and a superior level of underfoot comfort.



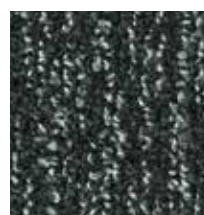
# tessera® weave

loop pile

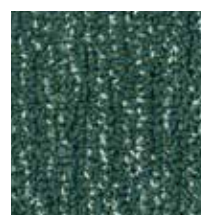
1700



1701 | orbit



1700 | eclipse



1706 | zenith



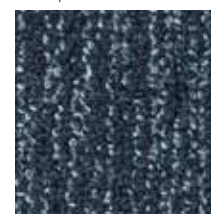
1704 | meteor



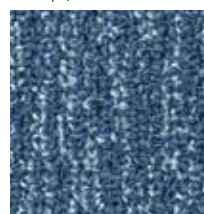
1716 | quasar



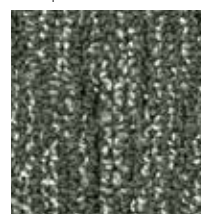
1717 | cluster



1702 | satellite



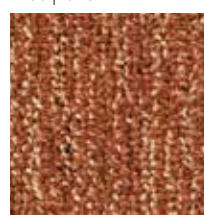
1708 | lunar



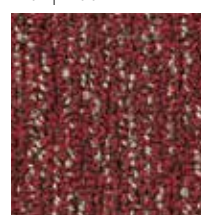
1707 | moon



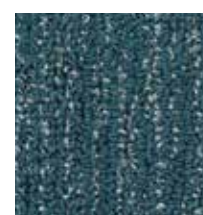
1709 | meridian



1711 | solar



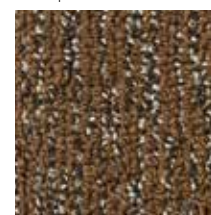
1712 | burst



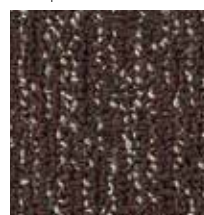
1703 | planet



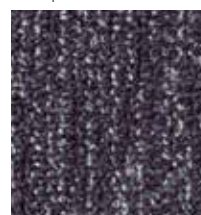
1705 | universe



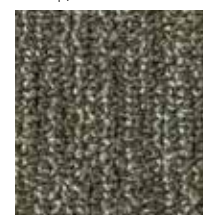
1714 | crater



1715 | galaxy



1718 | comet



1713 | nova



1710 | nebular

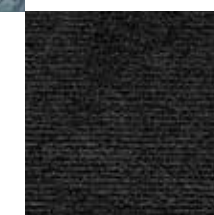
A highly versatile textured loop carpet tile, Weave beautifully combines form and function. Practical and hard wearing, Weave features a subtle directional grain which is enhanced by the use of contrasted multi-twist yarn, creating a uniquely textured appearance. Designed for use in commercial, recreational, hospitality and public interiors, Weave is available in 19 tonal colourways and is suitable for broadloom, tessellated or quarter turn installation. Weave is made from 100% Econyl solution dyed nylon 6 ensuring that the product retains its appearance throughout the lifespan of the floor.



# tessera® diffusion

loop pile

2014



2000 | space quest



2001 | magnetic flux



2002 | paradigm shift



2003 | glacial flow



2004 | pivotal movement



2005 | nomadic journey



2006 | passing place



2007 | perpetual motion



2008 | forrest trail



2009 | continental drift



2010 | pendulum swing



2011 | border crossing



2012 | flight transfer



2013 | ocean cruise



2014 | skyfall



2015 | arctic voyage

Tessera Diffusion carpet tiles reflect an evolution towards softer, more organic geometry observed in nature. Inspired by crystalline structures, the fractal shapes fade in and out creating appealing contemporary floor spaces.



tessera® layout & outline  
loop pile



2119 | 2112 | 2108 | 3102

Featuring a contemporary palette of 32 colours with 8 co-ordinated stripes, our Tessera Layout and Outline carpet tiles offer numerous possibilities for creative inspiration in any flooring scheme.

The dynamic colour palette of **Layout** is hugely versatile featuring a comprehensive choice of modern neutrals in combination with diverse and directional brighter shades.

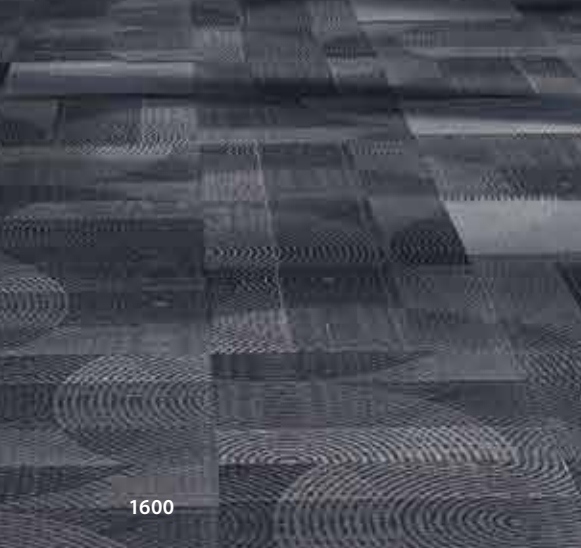
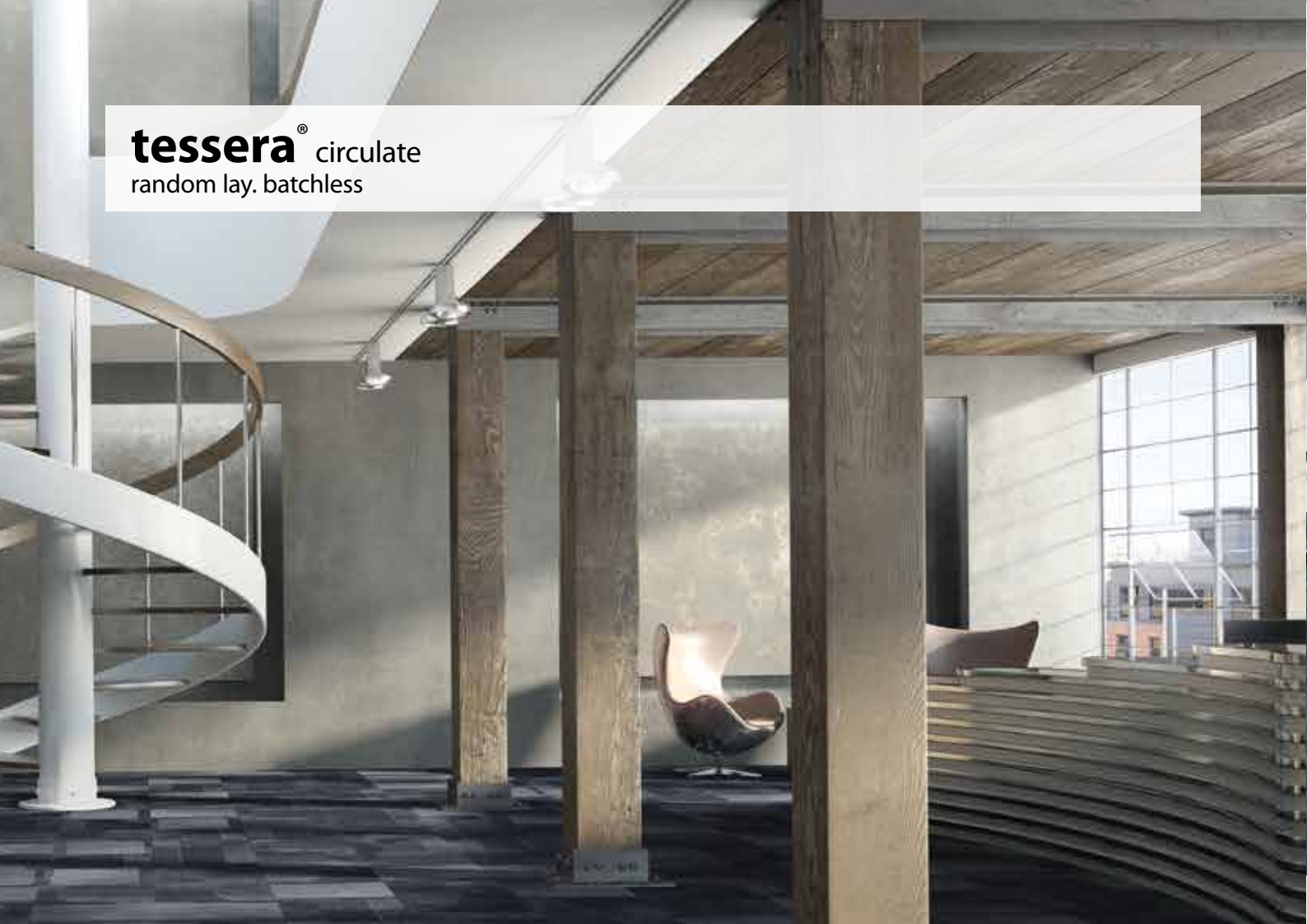
Colours can be used independently or in combination to achieve a myriad of interior styles.

**Outline** is a subtly textured striped loop pile carpet tile with each colourway perfectly matched to 2 Layout colours. Combinations of Outline and Layout allow complete freedom of expression creating connections, highlights and transitions enhancing any style of scheme.

					
3105   macaroon	3106   fruit salad	3103   ripple	3107   bubblegum		
					
3102   soda	3104   souffle	3101   cola bottle	3100   plasmatron	2112   frosting	2113   nougat
					
2109   shard	2108   calcium	2104   alloy	2105   aniseed	2101   graphine	2100   mono
					
2121   bubble	2125   tonic	2117   surf	2122   drench	2130   icepop	2118   oceanis
					
2128   custard	2131   mango	2123   candy	2127   flambe	2119   maraschino	2126   purplexed
					
2115   sherbet	2124   pinacolada	2111   gherkin	2120   apple	2129   menthe	2116   kryptonine
					
2114   powder	2110   fudge	2106   humbug	2107   brulee	2102   brownie	2103   balsamic



**tessera®** circulate  
random lay. batchless



Confident and unique, Circulate represents a fresh approach to the design of random lay batchless carpet tiles. Its andom geometric aesthetic will bring life and excitement to interior floor spaces of any scale, from the narrowest corridors to the most expansive open plan environments. The random nature of the design in modular form creates contemporary floorspace environments which are modern and distinctive yet commercially attractive and highly accessible. Circulate is offered in a range of eight fresh colourways, with options available to suit all types of commercial interiors. The collection is complemented by the addition of 16 Westbond N9000 co-ordinates which offer the opportunity to enhance meeting, break-out or feature areas further.



1600 | turbine



1601 | gyroscope



1606 | whirlpool



1607 | roundabout



1604 | pirouette



1605 | centrifuge



1602 | windmill



1603 | kaleidoscope

**tessera®** mix  
random lay. batchless



952 | bone



953 | canyon



954 | woodash



963 | obsidian



965 | ruby



968 | amethyst



955 | grit



966 | sahara



958 | lazuli



961 | gravel



967 | husk



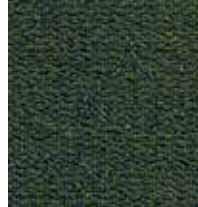
967 | husk



960 | iron



964 | stone



970 | jade

An innovative, batchless, random lay carpet tile, Tessera Mix delivers a seamless installation appearance every time. Its soft geometric shapes cleverly disguise the tile edges and fitting direction and create its classic modern appearance. Mix combines tone and shade within an angular framework through the controlled use of multipile carpet construction creating a distinctive, attractive and highly complementary flooring solution. Designed for use in commercial, hospitality and public interiors, Mix is available in 15 contemporary colourways. Its random geometric aesthetic will improve interior floor space of any scale from intimate corridors to expansive open plan offices.



**tessera<sup>®</sup>** alignment  
cut & loop pile



208

Alignment is a sophisticated and cleverly textured cut and loop carpet tile designed to complement the most contemporary commercial interiors. Multi-height loops give this distinctive floor covering a bold directional theme which is tempered by the introduction of intersecting random blocks of rich cut pile. The result is a highly effective broadloom appearance and a unique linear style, equally suited to open plan interiors and more modest enclosed spaces alike.











			
204   horizon	210   climate	207   ozone	209   celcius
			
203   cyclone	202   elixer	211   prism	206   corona
			
213   astral	214   nocturn	208   nucleus	212   proton
			
205   earthbound	201   ion	215   stellar	216   stratus

**tessera<sup>®</sup>** contour  
cut & loop pile



1904

The controlled geometric background of Tessera Contour is heavily influenced by repeated shapes in architecture and urban settings. The structure is relieved and broken by a more softly striated cut pile overlay to reflect the diverse human and natural elements found in these landscapes. The palette is a tonal progression of diffused shades ranging from pale to very dark.

				
1900   painted bark	1901   volcanic brick	1904   lava core	1907   deep loch	1905   smokey quartz
				
1908   classic cloud	1903   white spruce	1906   rising ash	1902   neutral buff	1909   stoney creek



**tessera®** create space 3  
cut & loop pile



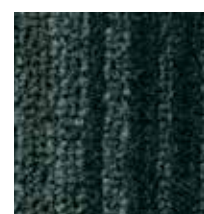
3800

Featuring a luxurious velvet stripe design and contemporary palette of 15 colourways, Create Space 3 adds stylish and tactile interest to any size of flooring scheme.

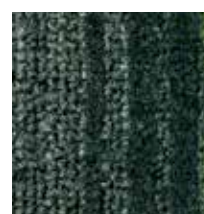
Create Space 3 carpet tiles are designed to provide the maximum flexibility in any installation as they can be fitted in multiple options including broadloom, non-directional (reduces installation waste to less than 2%), tessellated or half drop. Each creates a very modern and individual aesthetic.



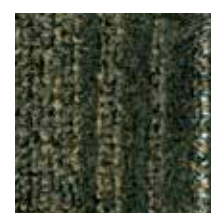
3800 | agate



3801 | platinum



3802 | zinnobor



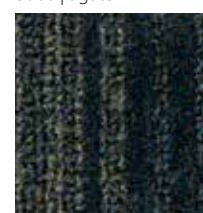
3804 | flagstone



3812 | azurline



3813 | aurora



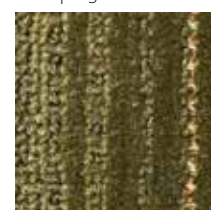
3803 | columbine



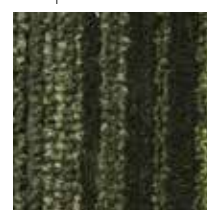
3808 | arabica



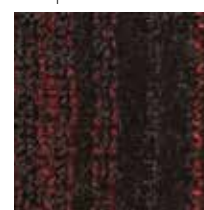
3810 | prussian



3806 | saffron



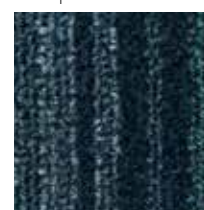
3805 | serpentine



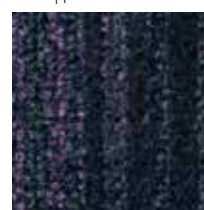
3809 | carnelian



3807 | nankeen



3811 | verdigris



3814 | tyrian

**tessera®** ethos  
cut & loop pile



552

A textured loop pile carpet tile that has also been tip sheared, Ethos has a textured cut and loop effect that disguises tile edges beautifully and delivers a deceptive broadloom appearance. The cut and loop construction and the 800gsm pile weight combine to create a tile that will withstand the heaviest of foot traffic, making Ethos an ideal and practical solution for the busy office environment. The diffused visual pattern is created by a unique medley of solution-dyed yarns within the pile, ensuring that the 13 subtle colourations will not fade or dull over time, or through intensive cleaning.



562 | charcoal



568 | herb



572 | chestnut



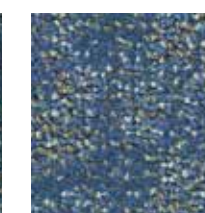
553 | biscuit



552 | mist



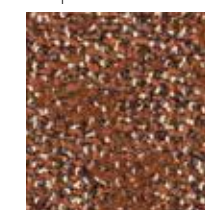
569 | aegean



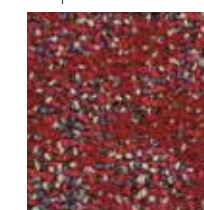
573 | spa



570 | pecan



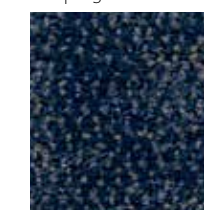
571 | truffle



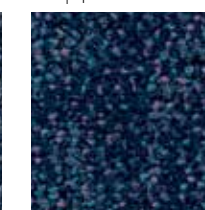
575 | cranberry



574 | blackberry



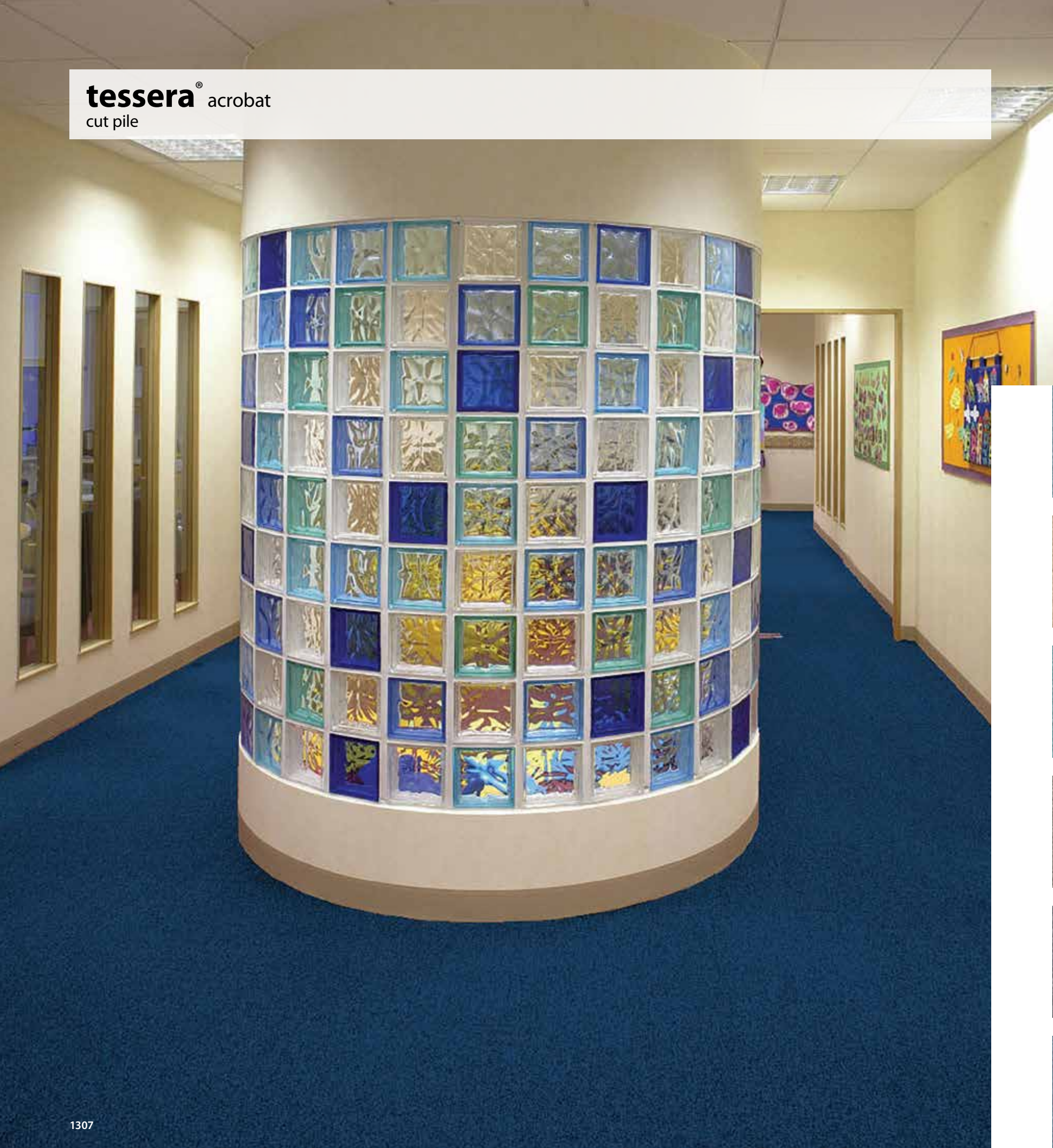
556 | moonlight



559 | blueberry



tessera<sup>®</sup> acrobat  
cut pile



Acrobat combines the sheer convenience, practicality and hardwearing features of a heavy contract carpet tile with the stunning appearance and tactile benefits of a traditional cut pile carpet. Constructed from Invista Antron polyamide 6.6 yarn, with its generous pile weight and cut pile tufted construction, Acrobat offers superior underfoot comfort and a touch of luxury.

				
1311   fortune teller	1315   big dipper	1316   minstrel green	1309   applause	1310   gunsmoke
				
1322   cinder toffee	1323   sawdust	1327   custard pie	1317   top hat	1321   skittle
				
1312   magician	1313   fairground	1314   haunted house	1328   trapeze yellow	1329   butter candy
				
1318   lion cage	1319   elephant	1320   chipperfield grey	1301   log flume	1305   bigtop blue
				
1304   cannon	1324   copperfield	1325   barnum red	1302   ferris wheel	1303   bumper car
				
1307   water bucket	1308   houdini blue	1330   popcorn	1326   firecracker red	1330   popcorn
				
			1331   spiral	1332   dare devil

















CARPET TILES & NEEDLEFELT





Technical specifications: tessera®

Tessera meets the requirements of EN-ISO 1307

		Atrium	Tessera Arran	Tessera Barcode	Tessera Basis	Tessera Format	Tessera Create Space 1
	Description	Tufted loop pile carpet tile	Tufted multi-height loop pile carpet tile	Tufted low level loop pile carpet tile	Tufted level loop pile carpet tile	Tufted multi-height loop pile carpet tile	Tufted low level loop pile carpet tile
	Dimensions	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm
	Total thickness	6.9mm ± 10%	7.0mm ± 10%	6.0mm ± 10%	5.7mm ± 10%	5.8mm ± 10%	5.5mm ± 10%
	Pile height	3.5mm ± 0.5mm	4.0mm ± 0.5mm	3.0mm ± 0.5mm	2.8mm ± 0.5mm	3.1mm ± 0.5mm	2.7mm ± 0.5mm
	Collection size	24 colourways   5m² per box	18 colourways   4m² per box	17 colourways   4m² per box	44 colourways   5m² per box	13 colourways   5m² per box	17 colourways   5m² per box
	Application	EN 1307 Class 33, Suitable for any type of heavy contract application					
	Pile composition	100% Aquafil 'Alto' polyamide	100% Invista Antron® Lumena polyamide 6.6	100% Aquafil polyamide 6	100% Aquafil polyamide 6	100% Aquafil polyamide 6	100% Aquafil ECONYL®/Alto Chroma regenerated polyamide 6
	Dye method	100% piece dyed	100% solution dyed	100% solution dyed	100% space dyed	80% solution dyed, 20% space dyed	100% solution dyed
	Stitch density	104,000 per m² ± 10%	202,960 per m² ± 10%	169,420 per m² ± 10%	200,940 per m² ± 10%	252,520 per m² ± 10%	245,440 per m² ± 10%
	Pile weight		950 gsm ± 10%	580 gsm ± 10%	520 gsm ± 10%	525 gsm ± 10%	570 gsm ± 10%
	Total weight		4,465 gsm ± 10%	3,895 gsm ± 10%	3,835 gsm ± 10%	4,040 gsm ± 10%	4,085 gsm ± 10%
	Primary backing	Polyester/Nylon					
	Secondary backing	Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing					
	Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4				
	Light fastness	BS EN ISO 105 B02	≥5	≥5	≥5	≥5	≥5
	Dimensional stability	BS EN 986	≤0.2%				
	Impact sound reduction	ISO 10140-3 (ΔL <sub>w</sub> )		22dB	22dB	22dB	21dB
Creating Better Environments							
	Renewable Electricity	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources					
	Recycled Content	Contains over 50% recycled content by weight					
	Indoor Air Quality	Tessera meets 01350 Indoor Air Quality standard					
	Ska	Tessera meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes					
	Guarantee	Tessera carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac®) provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force					
	Installation method	Broadloom (monolithic), quarter turn or tessellated	Monolithic, quarter turn or tessellated	Brick, quarter turn, tessellated or quarter-brick	Monolithic, quarter turn or tessellated		Monolithic, quarter turn or tessellated
Tessera carpet tiles meet the requirements of EN 14041							
	Reaction to fire	EN 13501-1	B <sub>s</sub> s1				
	Slip resistance	EN 13893	DS: ≥0.30				
	Electrical resistance	BS ISO 10965 & EN1815	<1 x 10⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV). Lifetime protection through the use of permanent anti-static yarn and backing				















Shades may vary from batch to batch and should be checked before installation. Except for Tessera Mix, batches should not be mixed in the same location.

EN 14041  
CE






Technical specifications: tessera®

Tessera meets the requirements of EN-ISO 1307















		Tessera Create Space 2	Tessera Helix	Tessera Inline	Tessera Rippleweave	Tessera Weave	Tessera Diffusion	Tessera Layout	Tessera Outline
Description		Tufted level loop pile carpet tile	Tufted multi-height loop pile carpet tile	Tufted textured loop pile carpet tile	Tufted multi-height loop pile carpet tile	Tufted mul-pile height loop carpet tile	Tufted multi-height loop pile carpet tile	Tufted low loop pile carpet tile	Tufted low loop pile carpet tile
	Dimensions	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm
	Total thickness	5.7mm ± 10%	6.9mm ± 10%	6.5mm ± 10%	7.5mm ± 10%	7.0mm ± 10%	6.5mm ± 10%	5.8mm ± 10%	5.8mm ± 10%
Pile height		3.1mm ± 0.5mm	3.9mm ± 0.5mm	3.9mm ± 0.5mm	4.3mm ± 0.5mm	3.5mm ± 0.5mm	3.7mm ± 0.5mm	2.9mm ± 0.5mm	2.9mm ± 0.5mm
	Collection size	10 colourways   5m² per box	11 colourways   4m² per box	7 colourways   4m² per box	7 colourways   4m² per box	19 colourways   4m² per box	15 colourways   4m² per box	30 colourways   5m² per box	8 colourways   5m² per box
	Application	EN 1307 Class 33, Suitable for any type of heavy contract application							
Pile composition		100% Aquafil ECONYL®/Alto Chroma regenerated polyamide 6	100% Invista Antron® Lumena polyamide 6.6	100% polyamide 6	100% Invista Antron® Lumena polyamide 6.6	100% ECONYL® regenerated polyamide 6	100% Universal Fibers <sup>SM</sup> Refresh™ polyamide 6.6	100% polyamide 6	100% polyamide 6
Dye method		100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed
Stitch density		245,440 per m² ± 10%	219,480 per m² ± 10%	198,374 per m² ± 10%	160,480 per m² ± 10%	179,664 per m² ± 10%	217,120 per m² ± 10%	193,060 per m² ± 10%	193,060 per m² ± 10%
Pile weight		570 gsm ± 10%	740 gsm ± 10%	605 gsm ± 10%	950 gsm ± 10%	660 gsm ± 10%	570 gsm ± 10%	580 gsm ± 10%	580 gsm ± 10%
	Total weight	4,085 gsm ± 10%	4,255 gsm ± 10%	4,120 gsm ± 10%	4,465 gsm ± 10%	4,155 gsm ± 10%	4,085 gsm ± 10%	3,895 gsm ± 10%	3,895 gsm ± 10%
Primary backing		Polyester/Nylon							
Secondary backing		Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing							
	Castor chair use	BS EN 985:2001 Minimum R value: ≥2.4							
	Light fastness	BS EN ISO 105 B02	≥5	≥5	≥5	≥5	≥5	≥6	≥6
	Dimensional stability	BS EN 986 ≤0.2%							
	Impact sound reduction	ISO 10140-3 (ΔL <sub>w</sub> )	23dB	21dB	25dB	27dB	22dB	27dB	27dB
 Creating Better Environments									
 Renewable Electricity		All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources							
 Recycled Content		Contains over 50% recycled content by weight							
 Indoor Air Quality		Tessera meets 01350 Indoor Air Quality standard							
Ska		Tessera meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes							
Guarantee		Tessera carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac®) provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force							
Installation method		Monolithic, quarter turn, tessellated, half drop or non-directional	Quarter turn or tessellated	Monolithic tessellated & quarter turn	Brick, quarter turn or tessellated	Broadloom (monolithic), quarter turn or tessellated	Monolithic, quarter turn or tessellated	Monolithic, brick, tessellated, quarter turn & quarter brick	Brick, tessellated, quarter turn & quarter brick
		EN 14041 							

Tessera carpet tiles meet the requirements of EN 14041




	Reaction to fire	EN 13501-1 B <sub>s</sub> -s1							
	Slip resistance	EN 13893 DS: ≥0.30							
	Electrical resistance	BS ISO 10965 & EN1815 <1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV). Lifetime protection through the use of permanent anti-static yarn and backing							

Technical specifications: tessera®

Tessera meets the requirements of EN-ISO 1307

		Tessera Circulate	Tessera Mix	Tessera Align-ment	Tessera Contour	Tessera Create Space 3	Tessera Ethos	Tessera Acrobat
Description		Tufted multi-height loop pile carpet tile, Random lay. batchless	Tufted multi-height loop pile carpet tile, Random lay. batchless	Tufted multi-height cut and loop pile carpet tile	Tufted multi-height cut and loop pile carpet tile	Tufted multi-pile height cut and loop pile carpet tile	Tufted cut and loop pile carpet tile	Tufted cut pile carpet tile
	Dimensions	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm	50cm x 50cm
	Total thickness	6.5mm ± 10%	5.9mm ± 10%	6.2mm ± 10%	6.6mm ± 10%	5.7mm ± 10%	6.4mm ± 10%	8.0mm ± 10%
Pile height		3.7mm ± 0.5mm	3.1mm ± 0.5mm	3.5mm ± 0.5mm	3.5mm ± 0.5mm	3.1mm ± 0.5mm	3.3mm ± 0.5mm	5.0mm ± 0.5mm
	Collection size	8 colourways   4m² per box	15 colourways   5m² per box	23 colourways   4m² per box	10 colourways   4m² per box	10 colourways   4m² per box	12 colourways   4m² per box	31 colourways   5m² per box
	Application	EN 1307 Class 33, Suitable for any type of heavy contract application						
Pile composition		100% Universal Fibers <sup>SM</sup> Refresh <sup>TM</sup> polyamide 6.6	100% Invista Antron® Lumena polyamide 6.6	100% Invista Antron® Lumena polyamide 6.6	100% Universal Fibers <sup>SM</sup> Refresh <sup>TM</sup> polyamide 6.6	100% Aquafil ECONYL®/Alto Chroma regenerated polyamide 6	100% Aquafil Alto Chroma polyamide 6	100% Antron® polyamide 6.6
Dye method		100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% solution dyed	100% piece dyed
Stitch density		254,880 per m² ± 10%	200,600 per m² ± 10%	217,488 per m² ± 10%	255,053 per m² ± 10%	236,000 per m² ± 10%	202,960 per m² ± 10%	181,102 per m² ± 10%
Pile weight		520 gsm ± 10%	650 gsm ± 10%	700 gsm ± 10%	580 gsm ± 10%	595 gsm ± 10%	755 gsm ± 10%	1,050 gsm ± 10%
	Total weight	4,035 gsm ± 10%	4,165 gsm ± 10%	4,195 gsm ± 10%	4,095 gsm ± 10%	4,110 gsm ± 10%	4,270 gsm ± 10%	4,650 gsm ± 10%
Primary backing		Polyester/Nylon						
Secondary backing		Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing						
	Castor chair use	BS EN 985:2001 Minimum R value: ≥2.4						
	Light fastness	BS EN ISO 105 B02	≥5	≥5	≥5	≥5	≥6	≥5
	Dimensional stability	BS EN 986 ≤0.2%						
	Impact sound reduction	ISO 10140-3 (ΔL <sub>w</sub> )	22dB	24dB	23dB	23dB	23dB	n/a
 Creating Better Environments								
 Renewable Electricity		All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources						
 Recycled Content		Contains over 50% recycled content by weight						
 Indoor Air Quality		Tessera meets 01350 Indoor Air Quality standard						
Ska		Tessera meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes						
Guarantee		Tessera carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac®) provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force						
Installation method		Random	Random	Monolithic, quarter turn or tessellated	Monolithic, quarter turn, tessellated, half drop or non-directional	Monolithic, quarter turn, tessellated, half drop or non-directional	Monolithic, quarter turn or tessellated	Monolithic, quarter turn or tessellated
		EN 14041 						

Tessera carpet tiles meet the requirements of EN 14041

	Reaction to fire	EN 13501-1 B <sub>s</sub> -s1						
	Slip resistance	EN 13893 DS: ≥0.30						
	Electrical resistance	BS ISO 10965 & EN1815 <1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV). Lifetime protection through the use of permanent anti-static yarn and backing						





Following on from the success of our Tessera Layout & Outline 50 x 50 carpet tiles, we've extended the range with 100 x 25 cm planks to create even more possibilities for stunning floor designs. The collection consists of 14 sophisticated uni colours and 4 linear designs that offer endless possibilities to mix & match.





# WESTBOND SOPHISTICATED FLEXIBILITY

## Let the world inspire your creativity.

Realise it with Westbond.

**Westbond carpet tiles are synonymous with total flexibility and sophistication. Blending yarns to order and manufacturing premium quality fusion bonded tiles in an almost infinite number of colourways, with no minimum order quantity. Westbond allows customers to take control of the process of designing luxurious, bespoke carpet tiles with exceptionally heavy pile weights for the most prestigious installations.**



Fusion bonding is a sophisticated method of carpet tile manufacture where individual yarn pile is bonded onto the backing material to make an extremely dense and luxurious product.

Each tuft is individual and a high proportion of the yarn is in the wear surface providing a beautiful, rich velour carpet tile which gives an excellent broadloom appearance.

2 working days we'll send you a 'pom' that offers a realistic impression of the finished carpet tile. To create your own Flex combination, you can use our online Westbond Flex Creator **WESTBOND FLEX CREATOR**. To stimulate your imagination, we have made a core collection of 30 Flex combinations, which are shown below.

### **westbond® ibond**

The Westbond Ibond Naturals colour range is available in a variety of qualities including polyamide or wool, and pile weights up to 2400 g/m<sup>2</sup>.

### **westbond® flex**

Westbond Flex carpet tiles are the ideal solution for those seeking a truly individual look to the floor. Simply create your own Westbond Flex carpet tile by selecting up to 4 colours from the Westbond Ibond colour palette, or a colour you've created, and within

### **westbond® natural**

Westbond Natural is a unique collection of commercial carpet tiles containing pure & natural undyed British wool. The range is the perfect answer to today's ecological concerns. The carpet tile backing minimises environmental impact through its use of up to 74% recycled materials and wool is a sustainable, natural and renewable resource.



westbond® naturals

					
9834 quail egg	9398 silvermink	9741 metal	9854 dolphin	9482 slate	9481 blackpepper
					
9152 merry grey	9846 silverfox	9740 moonstone	9488 dove	9846 silverfox	9760 iron
					
9485 vapour	9489 battleship	9218 fiord	9490 gunmetal	9428 bluesteel	9742 ivy
					
9858 egg shell	9856 marshmallow	9734 fawn	9841 fallow	9570 flint	9441 sepia
					
9859 lemon drop	9210 yellow fever	9226 tiger	9444 harvest	9395 caraway	9442 acorn
					
9446 mellow buff	9388 straw	9248 sunset gold	9445 honey	9397 toasted almond	9443 cognac
					
9219 sandman	9763 flax	9398 silvermink	9736 woodland	9484 jet	9017 charcoal
					
9842 creme caramel	9836 ground coffee				

westbond® reds

					
9283 library red	9409 rouge	9016 maroon	9412 redwood	9731 ruby	9407 pompadour
					
9572 tea rose	9578 poppy	9577 valentine	9413 claret	9215 cocoa	9094 mushroom
					
9410 cerise	9532 douglas pink	9411 mulberry	9415 bilberry	9733 prune	9414 aubergine
					
9601 oyster	9857 dutch orange	9404 woodsmoke	9567 misty day	9840 dixie plum	9408 mauvemist
					
9402 shell	9568 flamenco	9220 sunstroke	9094 mushroom	9406 cameo	9405 brickdust
					
9393 bisque	9392 tiger lily	9399 spice	9569 coral	9225 blush	9396 paprika
					
9389 putty					



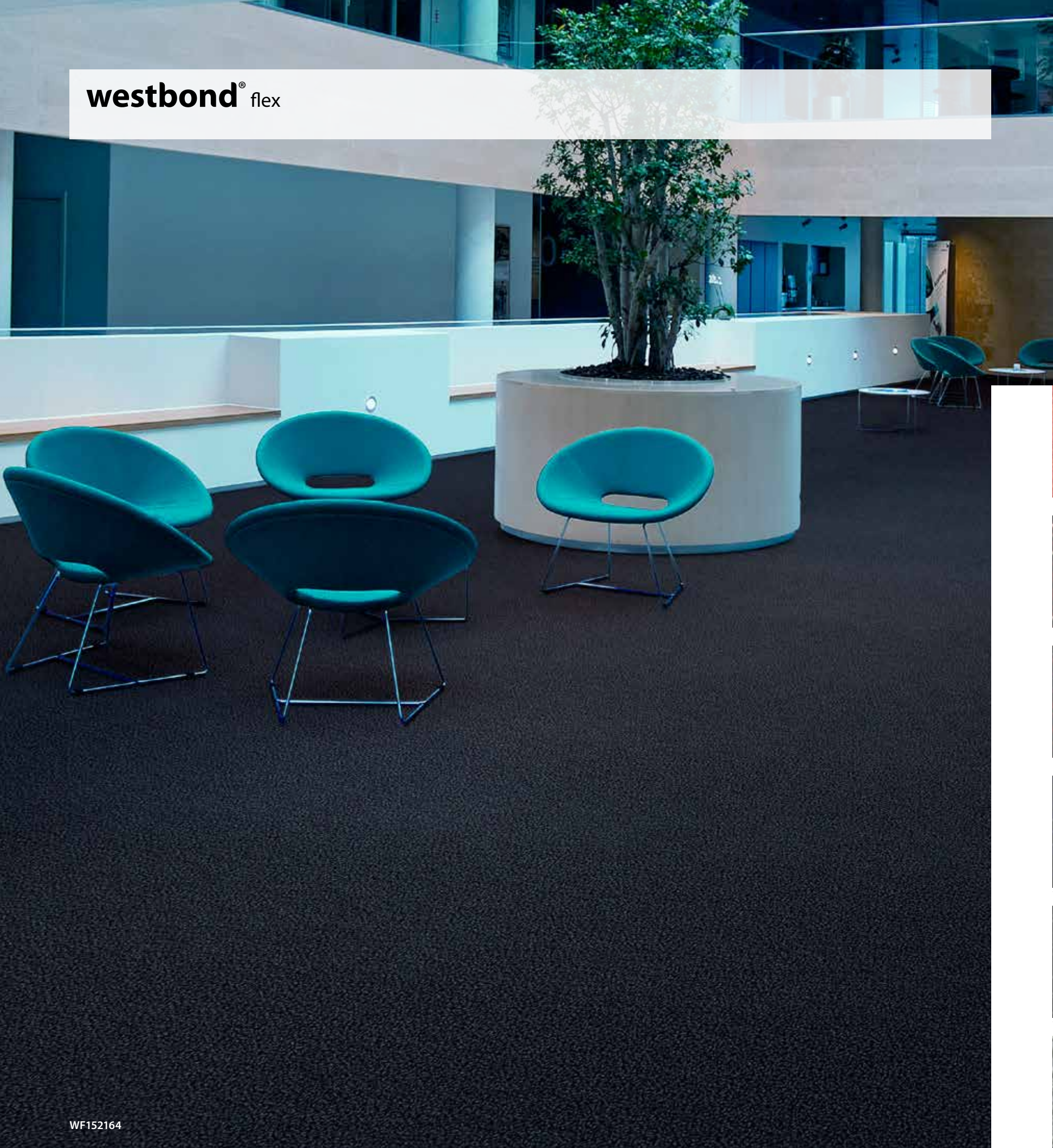
westbond® greens

					
9234 grasshopper	9435 saladdays	9432 pistachio	9429 linden	9844 cashew	9599 smoke
					
9439 spruce	9239 bottle green	9440 thyme	9433 lichen	9848 bay leaf	9600 ash
					
9623 myrtle	9437 viridian	9761 neptune	9431 pinefrost	9228 evergreen	9837 tarragon
					
9739 graphite	9224 tundra	9194 deepaqua	9613 jade	9738 olive grey	9153 speedy grey
					
9845 nimbus	9735 pewter	9762 botanic	9565 lime	9596 cactus	9594 savannah
					
9838 rainy day	9847 gosling	9212 galecloud	9430 citrus	9238 curry	9391 turmeric
					
9835 Cannon grey	9839 aluminium	9171 greyhound	9597 pastorage		

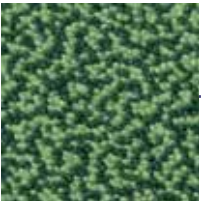
westbond® blues

					
9427 deepwater	9420 wedgwood	9855 kingfisher	9421 bluebird	9584 clearwater	9843 blue chill
					
9179 deepsea	9580 atlantic	9582 moodyblue	9002 darkblue	9591 dustblue	9850 lavender
					
9424 delft	9728 ming blue	9573 azure	9236 blumoon	9585 crystal	9849 forget me not
					
9317 navy	9423 blueheather	9586 lapis	9592 iris	9581 marine	9853 paradise blue
					
9385 deeppurple	9363 purple	9583 Hyacinth	9422 petroldrop	9579 ocean	9227 prestigeblue
					
9587 midnight	9425 royal	9419 violet	9211 blues	9417 glacier	9574 danube
					
9327 capriblue	9851 tiber	9418 pearlblue			





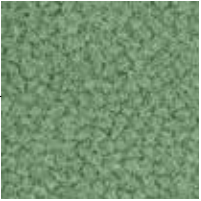
WF152164



WF152134 cut grass



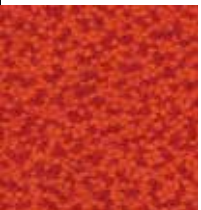
9239 bottle green



9429 linden

Groot scala aan afgestemde  
kleurencombinaties

Westbond Flex carpet tiles are the ideal solution for those seeking a truly individual look to the floor. Simply create your own Westbond Flex carpet tile by selecting up to 4 colours from the Westbond Ibond colour palette, or a colour you've created, and within 2 working days we'll send you a 'pom' that offers a realistic impression of the finished carpet tile. To create your own Flex combination, you can use our online Westbond Flex Creator WESTBOND FLEX CREATOR To stimulate your imagination, we have made a core collection of 30 Flex combinations, which are shown below.



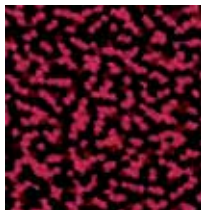
NF92141 | orange peel



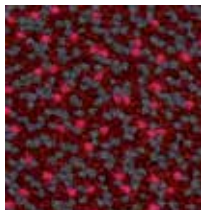
NF92082 | cinnamon



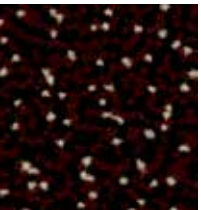
NF92078 | goldcup



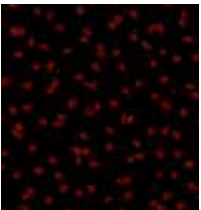
NF92145 | Valentine's day



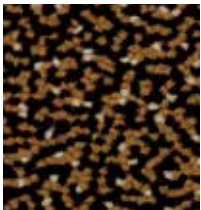
NF92144 | pink splash



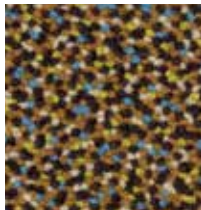
NF92146 | oaked claret



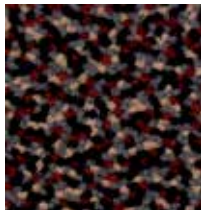
NF92118 | chocolate orange



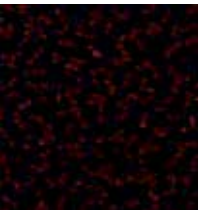
NF92152 | walnut whip



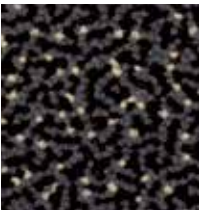
NF92153 | curry spice



NF92165 | tutti frutti



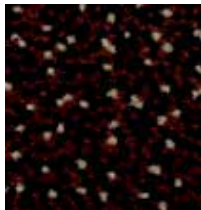
NF92147 | midnight ruby



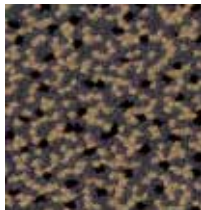
NF92148 | cocoa liquor



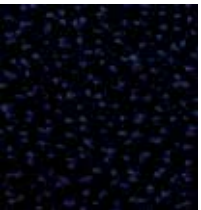
NF92149 | dark woodland



NF92150 | deep ruby



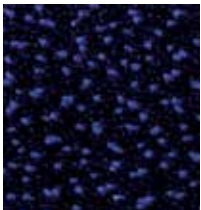
NF92151 | africa slate



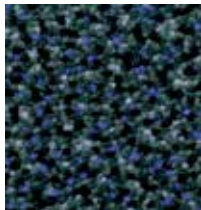
WF152163 | ocean rain



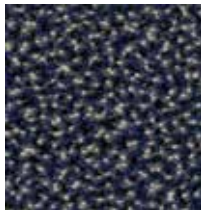
WF152164 | indian ink



WF152093 | star cloud



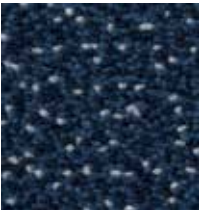
WF152093 | star cloud



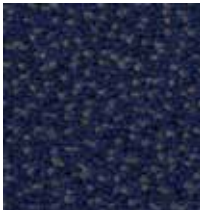
WF152159 | gulf stream



WF152160 | jet grahite



WF152161 | capri foam



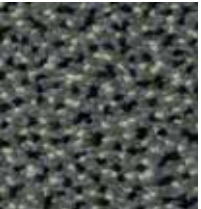
WF152162 | deepwater tint



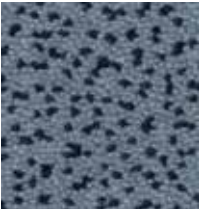
WF152121 | blue john stone



WF152134 | cut grass



WF152154 | granite stone



WF152155 | gale force



WF152156 | spruce forest



WF152157 | artic circle



WF152158 | fossil stone





W12790U

Westbond Natural is a unique collection of commercial carpet tiles containing pure & natural undyed British wool. The range is the perfect answer to today's ecological concerns. The carpet tile backing minimises environmental impact through its use of up to 74% recycled materials and wool is a sustainable, natural and renewable resource.



W12921U | tussock



W12791U | hampshire



W12797U | honiton



W12790U | masham



W12789U | manx

















W12795U | dorset





W12794U | rutland

Technical specifications: westbond®

Westbond meets the requirements of EN-ISO 1307

Westbond (Nylon)		
Description		Fusion bonded cut pile carpet tile
 Dimensions	50cm x 50cm	
 Total thickness	8.1mm ± 10%	
Pile height		5.0mm ± 0mm/-0.5mm
 Collection size	Any colour from 1m²   4,5m² per box	
 Application	EN 1307	Class 33, Suitable for any type of heavy contract application
Pile composition		100% polyamide 6.6
Dye method		Hank dyed
Stitch density		272,000 per m² ± 10%
Pile weight		950 gsm ± 10%
 Total weight	4,000 gsm ± 10%	
Primary backing		n/a
 Secondary backing	PVC incorporating at least 70% pre-consumer recycled content	
 Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4
 Light fastness	BS EN ISO 105 B02	≥5
 Dimensional stability	BS EN 986	≤0.2%
 Impact sound reduction	ISO 10140-3 (ΔL <sub>w</sub> )	27dB
 Creating Better Environments		
 Renewable Electricity	All Tessera and Westbond carpet tiles are manufactured using 100% electricity made from renewable sources	
 Recycled Content	Contains 43% recycled content by weight	
 Indoor Air Quality	Westbond meets 01350 Indoor Air Quality standard	
Ska		Meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes
Guarantee		10 years under heavy contract conditions
		Provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force
Installation method		Monolithic, tessellated or quarter turn

Tessera and Westbond carpet tiles meet the requirements of EN 14041

 Reaction to fire	EN 13501-1	B <sub>f</sub> s1
 Slip resistance	EN 13893	DS: ≥0.30
 Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV). Lifetime protection through the use of permanent anti-static yarn and backing

Shades may vary from batch to batch and should be checked before installation. Except for Tessera Circulate, batches should not be mixed in the same location.

EN 14041  
CE



# ROBUST AND INADVERTENTLY NEEDLEFELT

## Needlefelt

The robust, hard-wearing properties of Needlefelt make it ideal for installations that meet high traffic or in those areas where chairs with castors are likely to be in use, such as in offices, administrative premises and retail establishments.

The textile look and typical range of colouring blend harmoniously and inadvertently into any interior-design scheme. Needlefelt carpet often provides a cost-efficient alternative to conventional broadloom carpeting in heavily-used areas that require a practical and durable textile-type floor covering. Forbo uses high quality polyamide fibres and a full latex impregnation for all its needlefelt carpets.

### showtime®

This fine fibre needlefelt collection offers a large choice of uni colours which coordinate perfectly with the printed designs allowing the demarcation of individual spaces and the creation of different moods.

### forte

Forte is the premium product in our needlefelt range, offering the maximum feeling of comfort that comes with a fibre weight of approximately 750 g/m<sup>2</sup>. Forte is an impressive premium product. It is available in a range of 24 attractive colours. A very dense texture, with more than three million needle punches per square metre, guarantees a combination of attractive looks and hard-wearing performance for use in highly-frequented areas.

### markant

Markant is a high-quality, coarse-texture covering made of 100% polyamide fibres, equipped with all the characteristics required for hard-wearing performance in frequently used places. Markant comes with a fibre weight of approximately 600 g/m<sup>2</sup>.

### akzent

Akzent is the value-for-money alternative and the only collection in the range that is made of a combination of 80% polyamide and 20% polypropylene fibres (fibre weight of 500 g/m<sup>2</sup>), which is nevertheless no lightweight when it comes to hard-wearing performance.





900202

This fine fibre needlefelt collection offers a large choice of uni colours which coordinate perfectly with the printed designs allowing the demarcation of individual spaces and the creation of different moods.



Rose indien | 900206



Rouge | 900216



Olive | 900208



Emeraude | 900228



Kaki | 900218



Bleu canard | 900207



Indigo | 900217



Violet | 900227



Beige | 900203



Grège | 900213



Camel | 900204



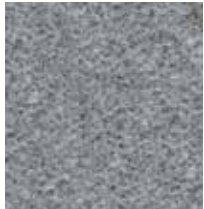
Taupe | 900244



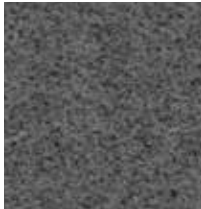
Fauve | 900214



Chocolat | 900224



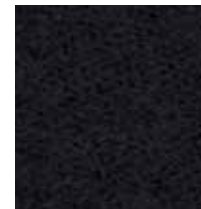
Perle | 900200



Souris | 900201



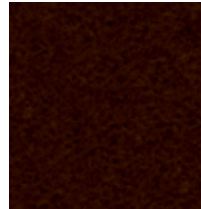
Gris moyen | 900202



Anthracite | 900212

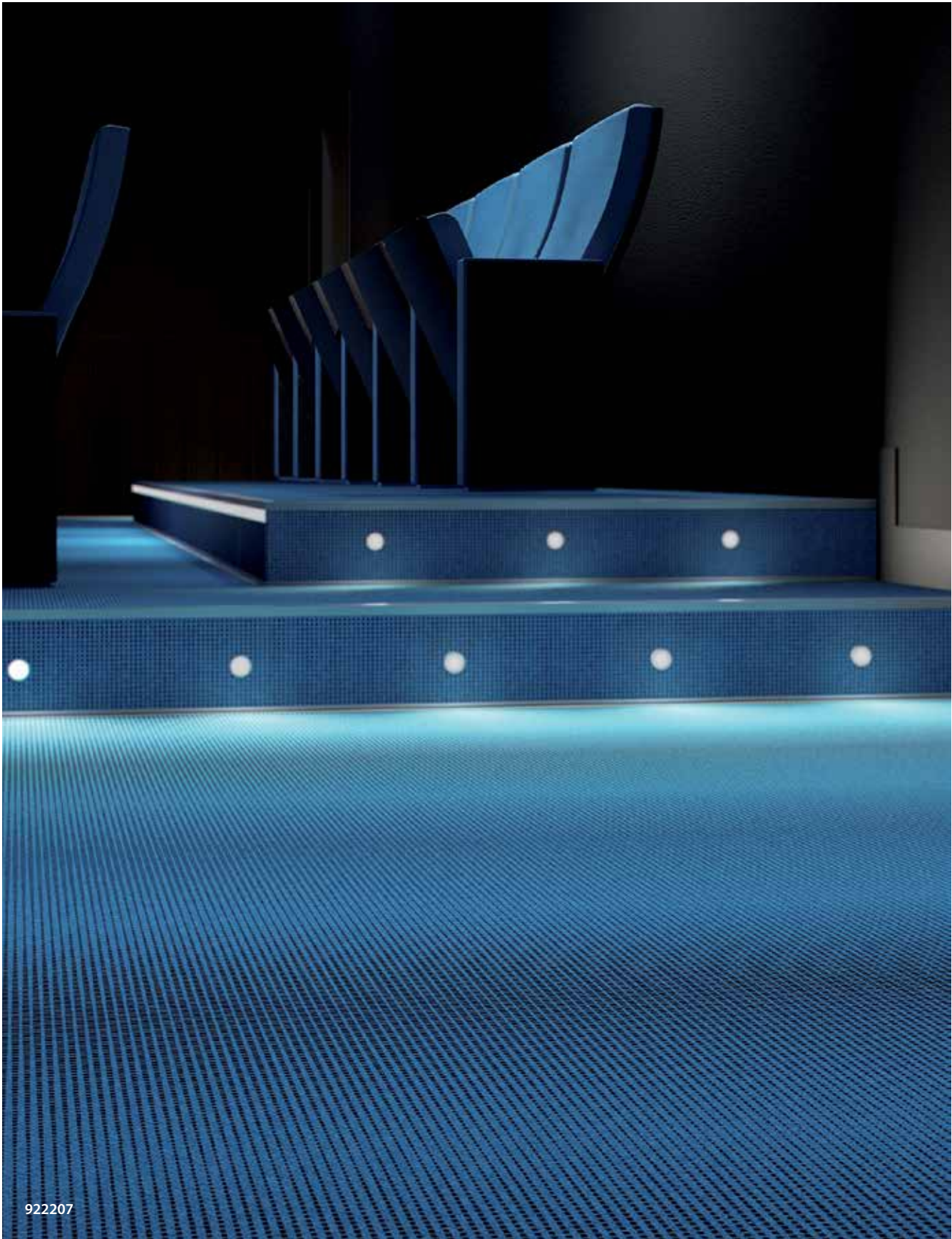


Carbone | 900209



Cacao | 900234

Showtime experience Wonderlab consists out of a range of four individual graphic geometric designs that offer elegance to the room with a classic textile look and feel.

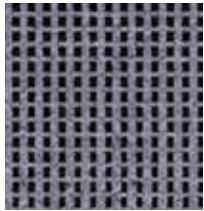


922207

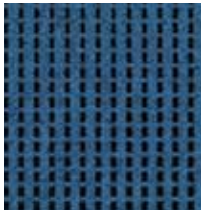


wonderlab 01

922207



922200



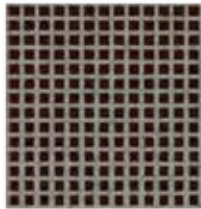
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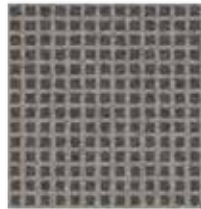
WON 01-1



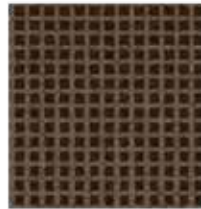
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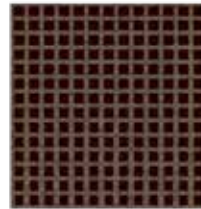
WON 01-3



WON 01-4



WON 01-5



WON 01-6



WON 01-12



WON 01-11



WON 01-10



WON 01-9



WON 01-8



WON 01-7



WON 01-13



WON 01-14



WON 01-15



WON 01-16



WON 01-17



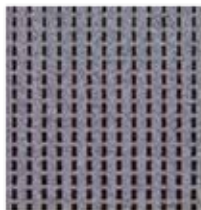
WON 01-18



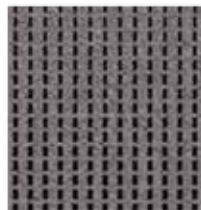
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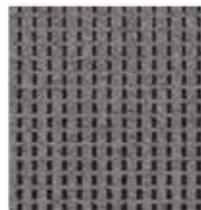
WON 01-23



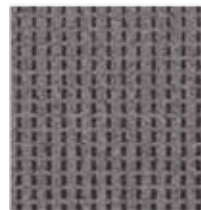
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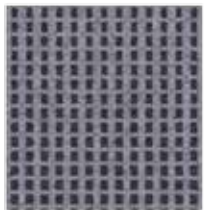
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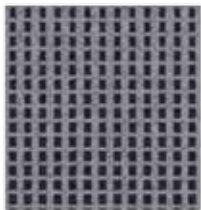
WON 01-20



WON 01-19



WON 01-25



WON 01-26



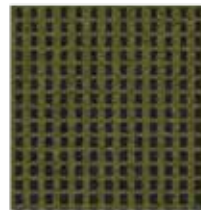
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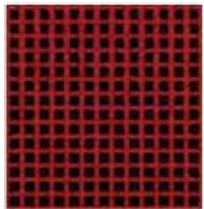
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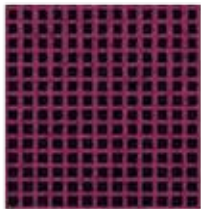
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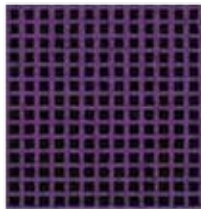
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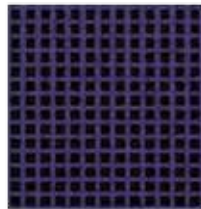
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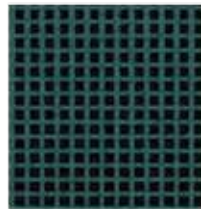
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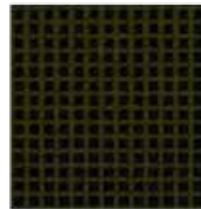
WON 01-36



WON 01-35



WON 01-33



WON 01-32

wonderlab 02

923200



923200



923228



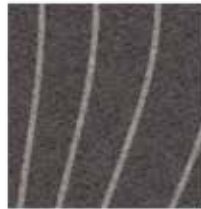
WON 02-1



WON 02-2



WON 02-3



WON 02-4



WON 02-5



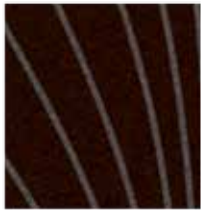
WON 02-6



WON 02-12



WON 02-11



WON 02-10



WON 02-9



WON 02-8



WON 02-7



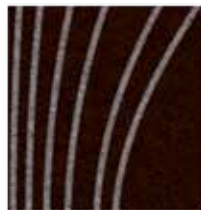
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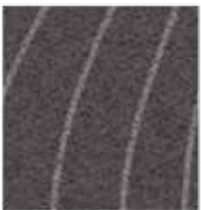
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WON 02-15



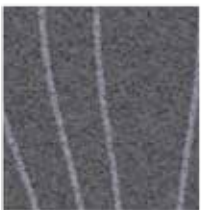
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WON 02-17



WON 02-18



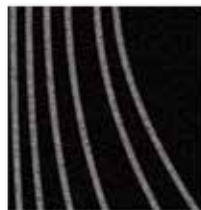
WON 02-24



WON 02-23



WON 02-22



WON 02-21



WON 02-20



WON 02-19



WON 02-25



WON 02-26



WON 02-28



WON 02-29



WON 02-30



WON 02-31



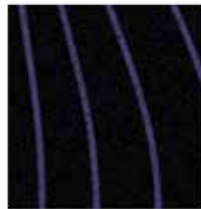
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WON 02-37



WON 02-36



WON 02-35



WON 02-34



WON 02-32



wonderlab 03

924206



924202



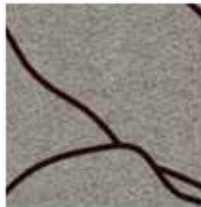
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WON 03-1



WON 03-2



WON 03-3



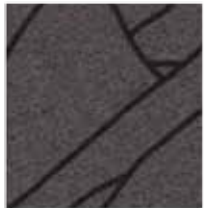
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WON 03-5



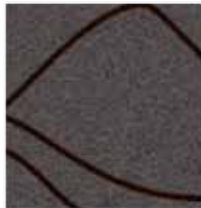
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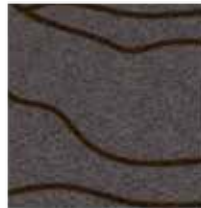
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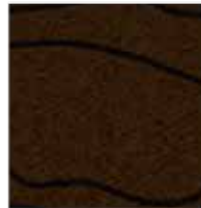
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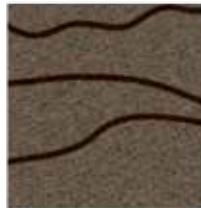
WON 03-10



WON 03-9



WON 03-8



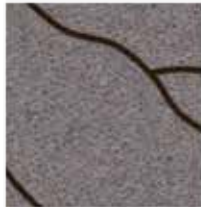
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WON 03-13



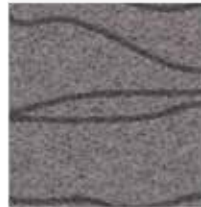
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WON 03-15



WON 03-16



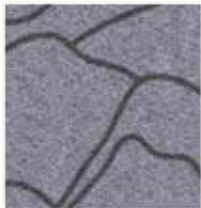
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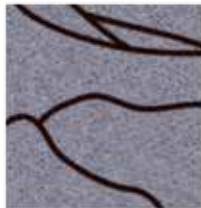
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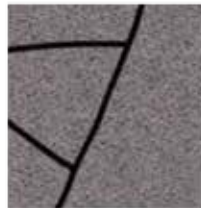
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WON 03-23



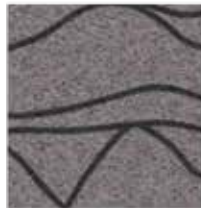
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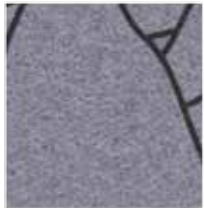
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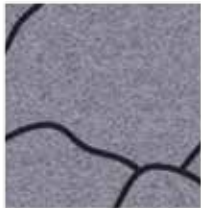
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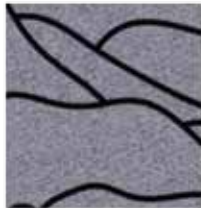
WON 03-19



WON 03-25



WON 03-26



WON 03-27



WON 03-28



WON 03-29



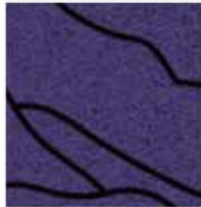
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WON 03-38



WON 03-36



WON 03-35



WON 03-34



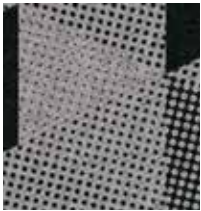
WON 03-33



WON 03-32

wonderlab 04

925200



925200



925216



WON 04-1



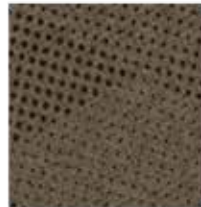
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WON 04-3



WON 04-4



WON 04-5



WON 04-6



WON 04-12



WON 04-11



WON 04-10



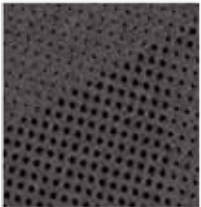
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WON 04-8



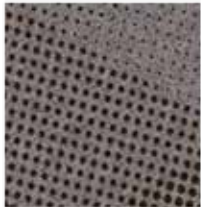
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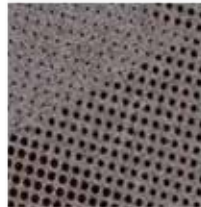
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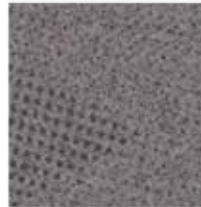
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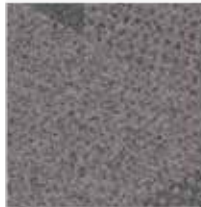
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WON 04-16



WON 04-17



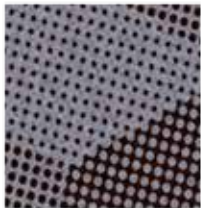
WON 04-18



WON 04-24



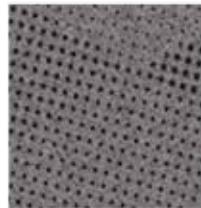
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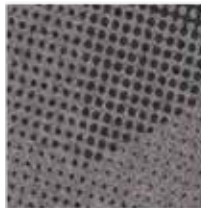
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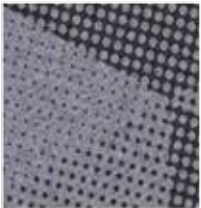
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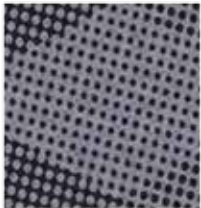
WON 04-20



WON 04-19



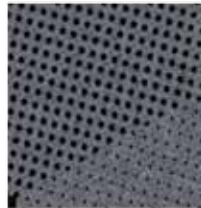
WON 04-25



WON 04-26



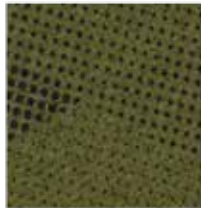
WON 04-28



WON 04-29



WON 04-30



WON 04-31



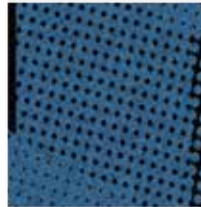
WON 04-37



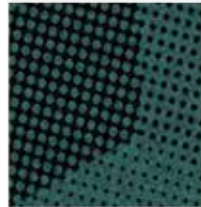
WON 04-36



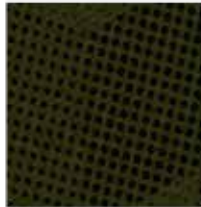
WON 04-35



WON 04-34



WON 04-33



WON 04-32



# showtime<sup>®</sup> experience metropolis

Showtime Experience Metropolis consists out of a range of four individual graphic modern rhythmic designs that refer to the city landscape experience. Showtime Experience Metropolis print designs are available in a large range of colours.



## metropolis 01

918216



918200



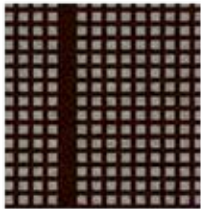
918216



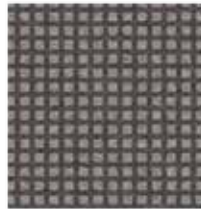
MET 01-1



MET 01-2



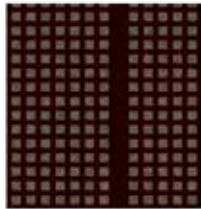
MET 01-3



MET 01-4



MET 01-5



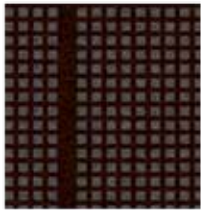
MET 01-6



MET 01-12



MET 01-11



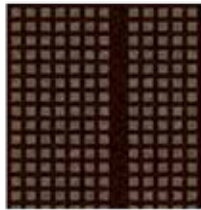
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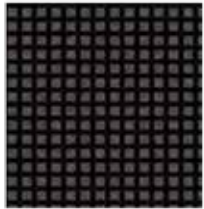
MET 01-9



MET 01-8



MET 01-7



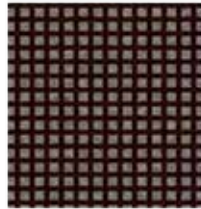
MET 01-13



MET 01-14



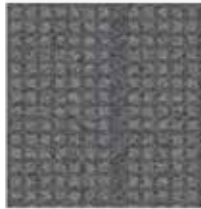
MET 01-15



MET 01-16



MET 01-17



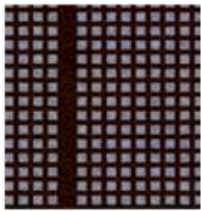
MET 01-18



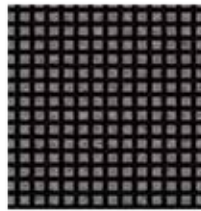
MET 01-24



MET 01-23



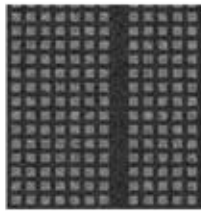
MET 01-22



MET 01-21



MET 01-20



MET 01-19



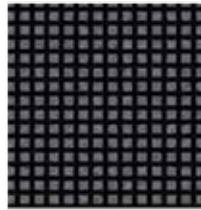
MET 01-25



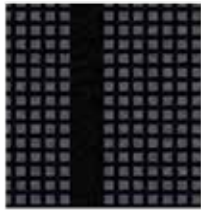
MET 01-26



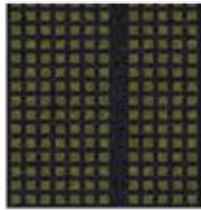
MET 01-28



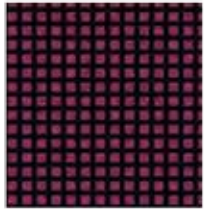
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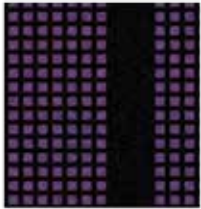
MET 01-30



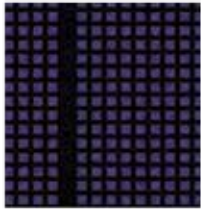
MET 01-31



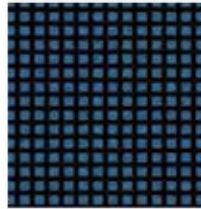
MET 01-37



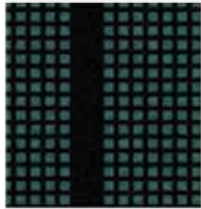
MET 01-36



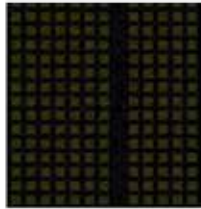
MET 01-35



MET 01-34



MET 01-33



MET 01-32

CARPET TILES & NEEDLEFELT



metropolis 02

919227



919202



919227



MET 02-1



MET 02-2



MET 02-3



MET 02-4



MET 02-5



MET 02-6



MET 02-12



MET 02-11



MET 02-10



MET 02-9



MET 02-8



MET 02-7



MET 02-13



MET 02-14



MET 02-15



MET 02-16



MET 02-17



MET 02-18



MET 02-24



MET 02-23



MET 02-22



MET 02-21



MET 02-20



MET 02-19



MET 02-25



MET 02-26



MET 02-27



MET 02-28



MET 02-29



MET 02-31



MET 02-38



MET 02-36



MET 02-35



MET 02-34



MET 02-33



MET 02-32

metropolis 03

920217



920201



920217



MET 03-1



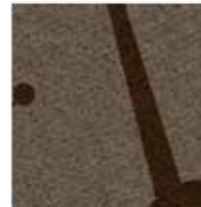
MET 03-2



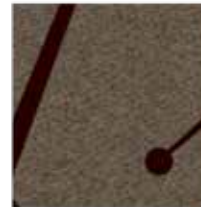
MET 03-3



MET 03-4



MET 03-5



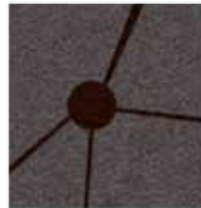
MET 03-6



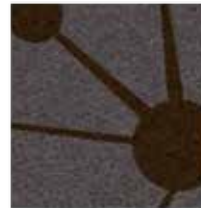
MET 03-12



MET 03-11



MET 03-10



MET 03-9



MET 03-8



MET 03-7



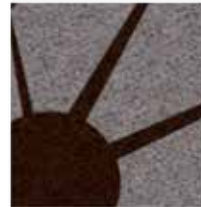
MET 03-13



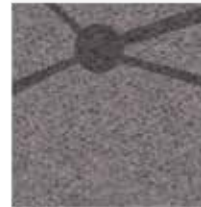
MET 03-14



MET 03-15



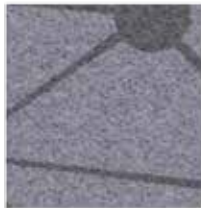
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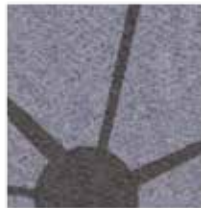
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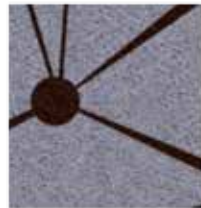
MET 03-18



MET 03-24



MET 03-23



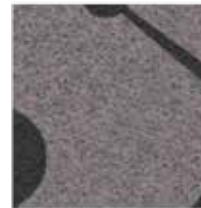
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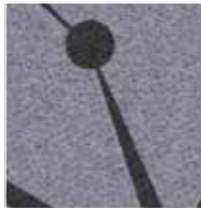
MET 03-21



MET 03-20



MET 03-19



MET 03-25



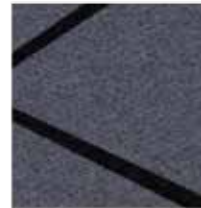
MET 03-26



MET 03-27



MET 03-28



MET 03-30



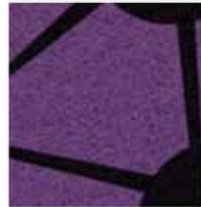
MET 03-31



MET 03-38



MET 03-37



MET 03-36



MET 03-34



MET 03-33



MET 03-32



metropolis 04

900244  
921244



921244



921200



MET 04-1



MET 04-2



MET 04-3



MET 04-4



MET 04-5



MET 04-6



MET 04-12



MET 04-11



MET 04-10



MET 04-9



MET 04-8



MET 04-7



MET 04-14



MET 04-15



MET 04-16



MET 04-17



MET 04-18



MET 04-19



MET 04-25



MET 04-24



MET 04-23



MET 04-22



MET 04-21



MET 04-20



MET 04-26



MET 04-27



MET 04-28



MET 04-30



MET 04-31



MET 04-32



MET 04-38



MET 04-37



MET 04-36



MET 04-35



MET 04-34



MET 04-33

showtime<sup>®</sup> experience ecosystems

Showtime Experience Ecosystems consists out of a range of four individual graphic nature designs that hint to the great outdoors with a playful twist. The four Ecosystems prints are available in a wide choice of colours



914208

CARPET TILES & NEEDLEFELT



ecosystems 01

ecosystems 02

914208

915215



914204



914208



ECO 01-1



ECO 01-2



ECO 01-3



ECO 01-4



ECO 01-5



ECO 01-7



ECO 01-13



ECO 01-12



ECO 01-11



ECO 01-10



ECO 01-9



ECO 01-8



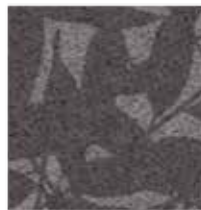
ECO 01-14



ECO 01-15



ECO 01-16



ECO 01-17



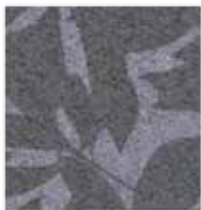
ECO 01-18



ECO 01-19



ECO 01-25



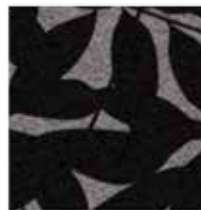
ECO 01-24



ECO 01-23



ECO 01-22



ECO 01-21



ECO 01-20



ECO 01-26



ECO 01-27



ECO 01-28



ECO 01-29



ECO 01-30



ECO 01-32



ECO 01-38



ECO 01-37



ECO 01-36



ECO 01-35



ECO 01-34



ECO 01-33



915213



915200



ECO 02-1



ECO 02-2



ECO 02-3



ECO 02-4



ECO 02-5



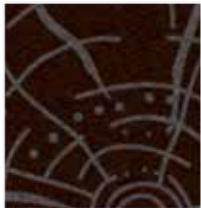
ECO 02-6



ECO 02-12



ECO 02-11



ECO 02-10



ECO 02-9



ECO 02-8



ECO 02-7



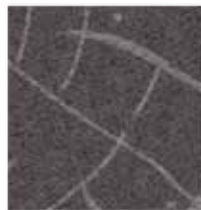
ECO 02-13



ECO 02-14



ECO 02-15



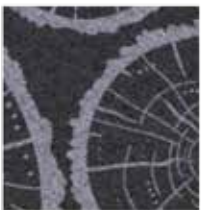
ECO 02-17



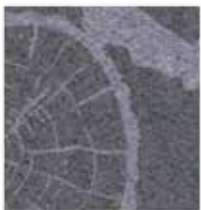
ECO 02-18



ECO 02-19



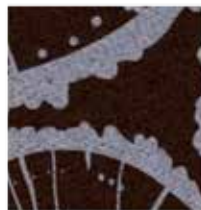
ECO 02-25



ECO 02-24



ECO 02-23



ECO 02-22



ECO 02-21



ECO 02-20



ECO 02-26



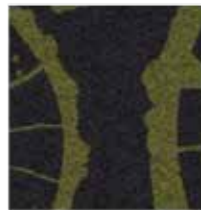
ECO 02-28



ECO 02-29



ECO 02-30



ECO 02-31



ECO 02-32



ECO 02-38



ECO 02-37



ECO 02-36



ECO 02-35



ECO 02-34



ECO 02-33



ecosystems 03

uni 900208  
design 916208



916214



916208



ECO 03-1



ECO 03-2



ECO 03-3



ECO 03-4



ECO 03-5



ECO 03-6



ECO 03-13



ECO 03-12



ECO 03-11



ECO 03-10



ECO 03-9



ECO 03-7



ECO 03-14



ECO 03-15



ECO 03-16



ECO 03-17



ECO 03-18



ECO 03-19



ECO 03-25



ECO 03-24



ECO 03-23



ECO 03-22



ECO 03-21



ECO 03-20



ECO 03-26



ECO 03-28



ECO 03-29



ECO 03-30



ECO 03-31



ECO 03-32



ECO 03-38



ECO 03-37



ECO 03-36



ECO 03-35



ECO 03-34



ECO 03-33

ecosystems 04

917207



917200



917207



ECO 04-1



ECO 04-2



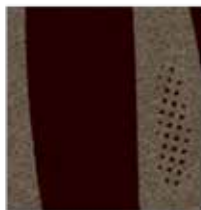
ECO 04-3



ECO 04-4



ECO 04-5



ECO 04-6



ECO 04-12



ECO 04-11



ECO 04-10



ECO 04-9



ECO 04-8



ECO 04-7



ECO 04-13



ECO 04-14



ECO 04-15



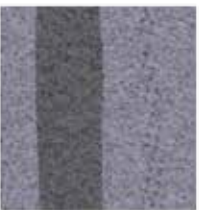
ECO 04-16



ECO 04-17



ECO 04-18



ECO 04-24



ECO 04-23



ECO 04-22



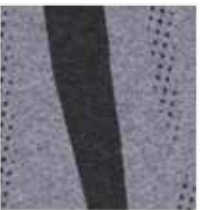
ECO 04-21



ECO 04-20



ECO 04-19



ECO 04-25



ECO 04-26



ECO 04-28



ECO 04-29



ECO 04-30



ECO 04-31



ECO 04-38



ECO 04-37



ECO 04-36



ECO 04-35



ECO 04-33



ECO 04-32



# showtime® experience héritage

Showtime Experience Heritage consists out of a range of four individual graphic classic textile designs that refer to the classic textile experience. Showtime Experience Heritage print designs are available in a wide range of colours.



# héritage 01

910201



CARPET TILES & NEEDLEFELT



héritage<sup>02</sup>

911200



911214



911200



HER 02-1



HER 02-2



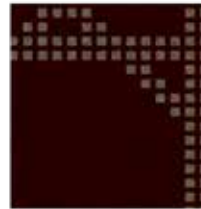
HER 02-3



HER 02-4



HER 02-6



HER 02-7



HER 02-13



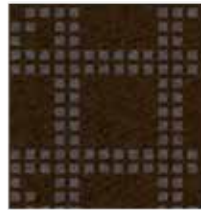
HER 02-12



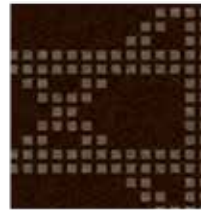
HER 02-11



HER 02-10



HER 02-9



HER 02-8



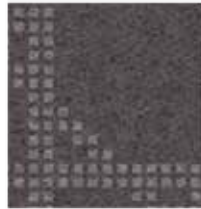
HER 02-14



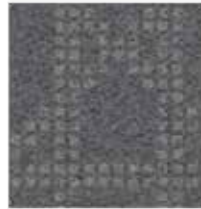
HER 02-15



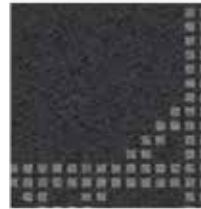
HER 02-16



HER 02-17



HER 02-18



HER 02-19



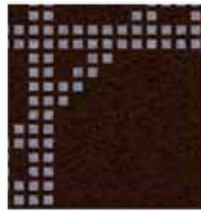
HER 02-25



HER 02-24



HER 02-23



HER 02-22



HER 02-21



HER 02-20



HER 02-26



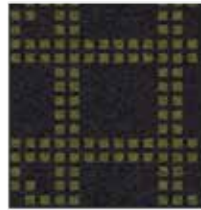
HER 02-27



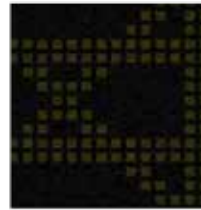
HER 02-29



HER 02-30



HER 02-31



HER 02-32



HER 02-38



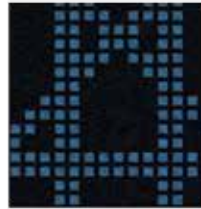
HER 02-37



HER 02-36



HER 02-35



HER 02-34



HER 02-33

héritage<sup>03</sup>

912244



912204



912244



HER 03-1



HER 03-2



HER 03-3



HER 03-4



HER 03-5



HER 03-7



HER 03-14



HER 03-12



HER 03-11



HER 03-10



HER 03-9



HER 03-8



HER 03-15



HER 03-16



HER 03-17



HER 03-18



HER 03-19



HER 03-20



HER 03-26



HER 03-25



HER 03-24



HER 03-23



HER 03-22



HER 03-21



HER 03-27



HER 03-28



HER 03-29



HER 03-30



HER 03-31



HER 03-32



HER 03-38



HER 03-37



HER 03-36



HER 03-35



HER 03-34



HER 03-33



# héritage 04

913227



913216



913227



HER 04-1



HER 04-2



HER 04-3



HER 04-4



HER 04-5



HER 04-6



HER 04-12



HER 04-11



HER 04-10



HER 04-9



HER 04-8



HER 04-7



HER 04-13



HER 04-14



HER 04-15



HER 04-16



HER 04-17



HER 04-18



HER 04-24



HER 04-23



HER 04-22



HER 04-21



HER 04-20



HER 04-19



HER 04-25



HER 04-26



HER 04-27



HER 04-28



HER 04-29



HER 04-30



HER 04-37



HER 04-35



HER 04-34



HER 04-33



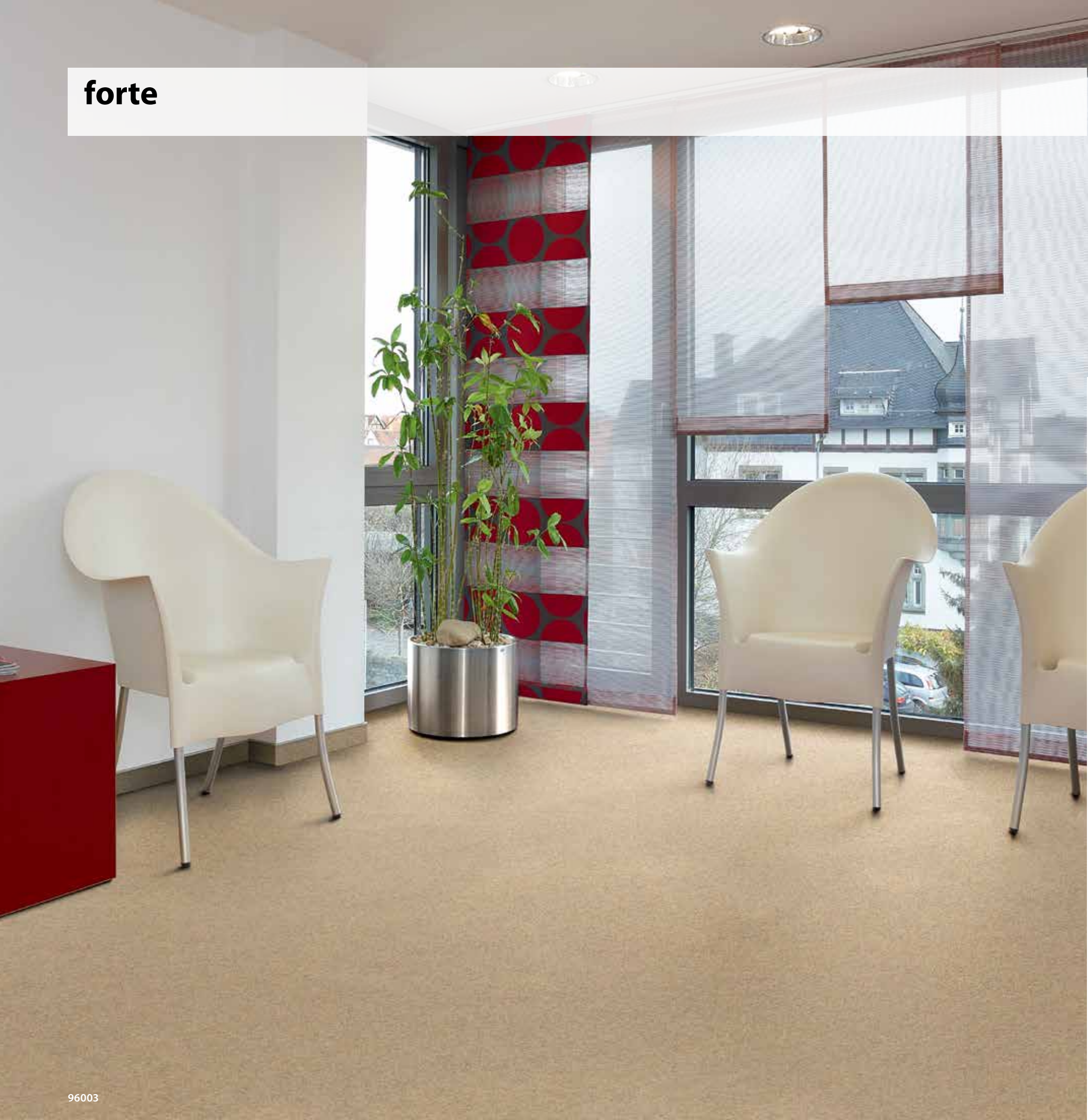
HER 04-32



HER 04-31



forte



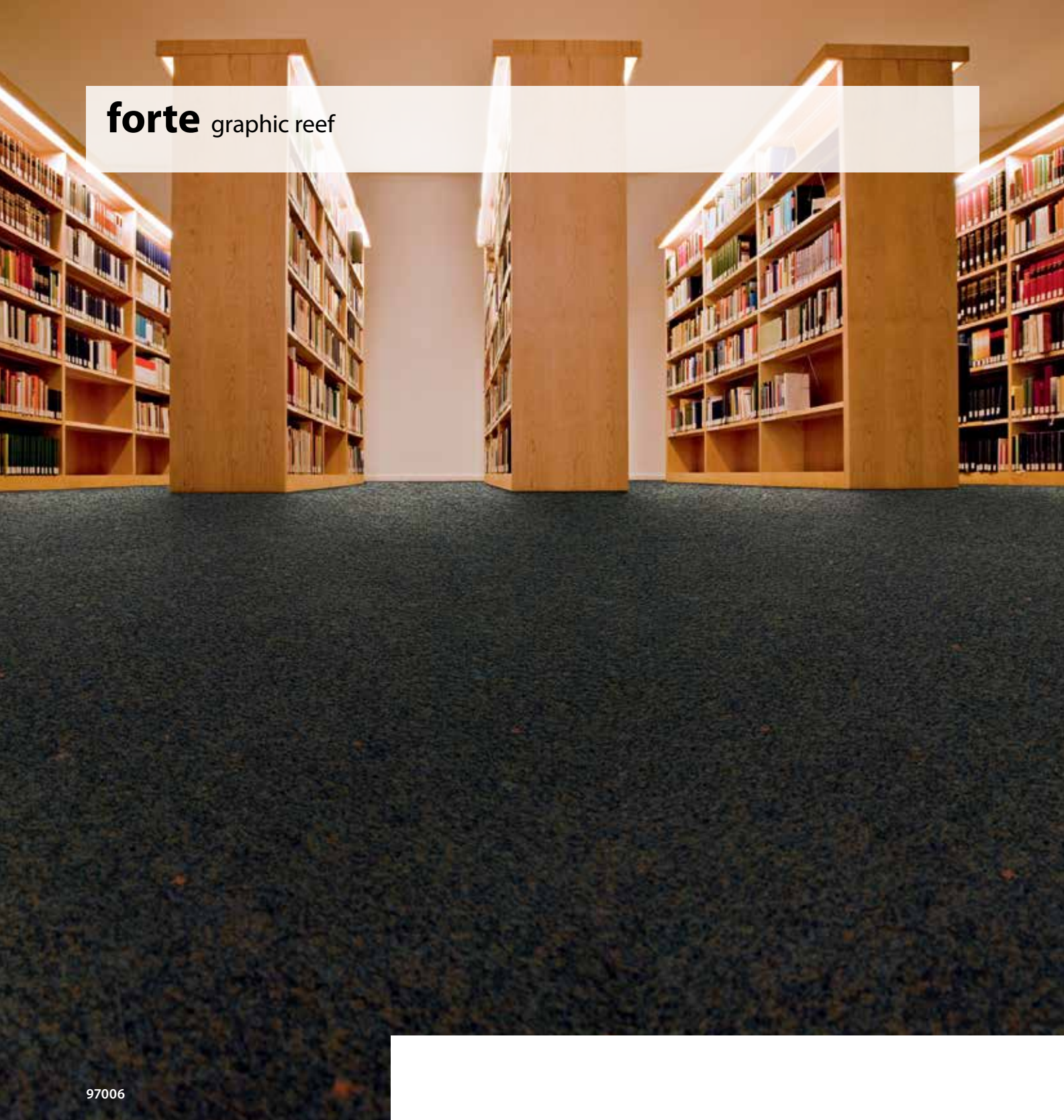
96003

Forte is the premium product in our needlefelt range, offering the maximum feeling of comfort that comes with a fibre weight of approximately 750 g/m<sup>2</sup>. Forte is an impressive premium product. It is available in a range of 24 attractive colours. A very dense texture, with more than three million needle punches per square metre, guarantees a combination of attractive looks and hard-wearing performance for use in highly-frequented areas.



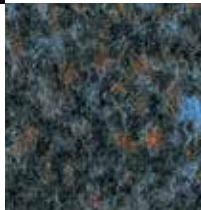


**forte** graphic reef



97006

Forte Grafic Reef provides the basis for this newly-developed print design, with colour contrasts that nevertheless work together in total harmony. The range of attractive colour shades shares the common element of varying grey background mottling.



97007



97011



97002



97012



97001



97004

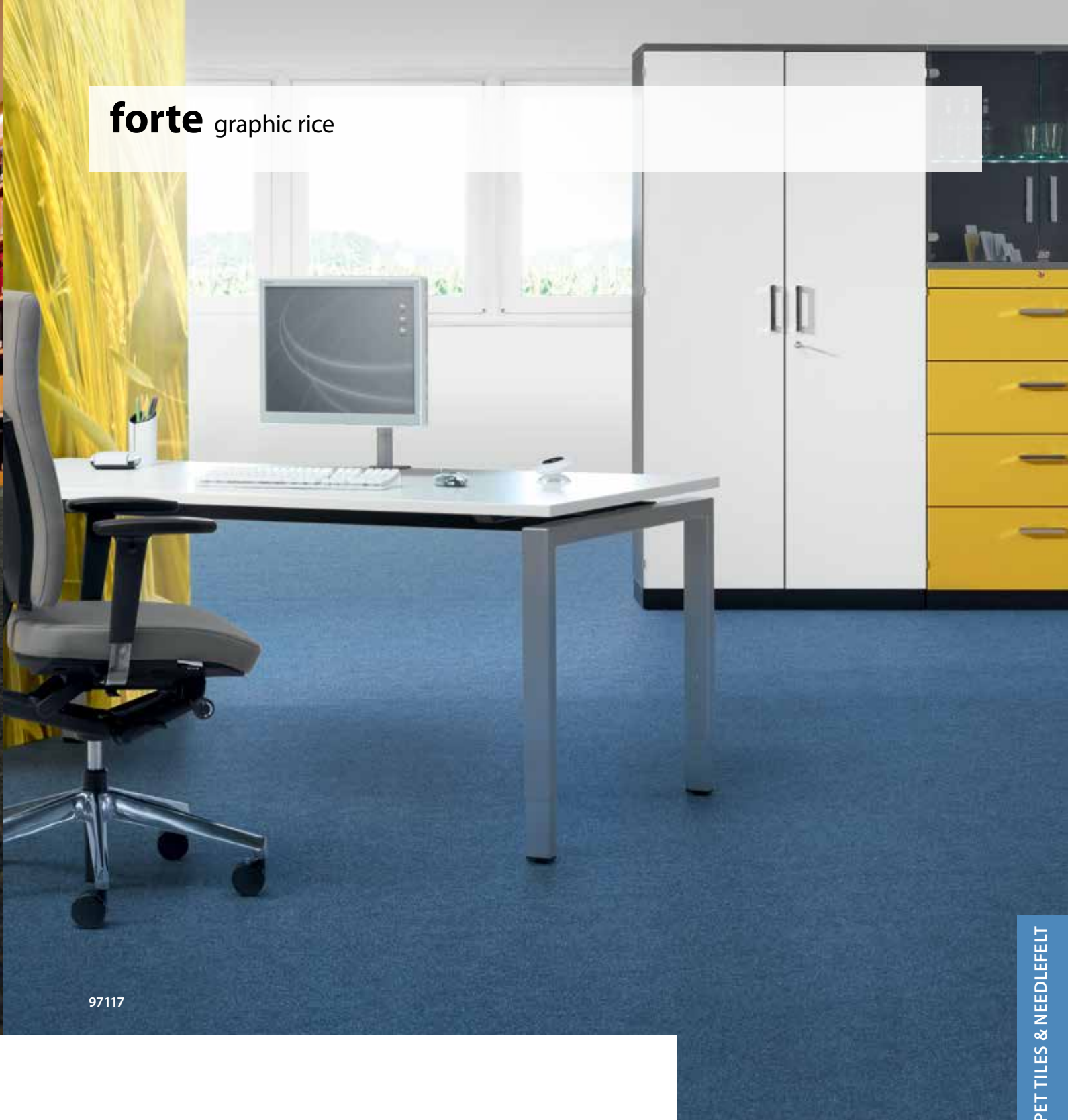


97006

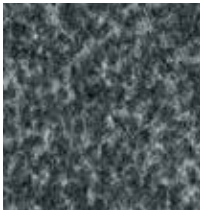


97016

**forte** graphic rice



97117



97112



97111



97106



97117



97116



97137



97105



97109

The fine print design of this member of the Forte range accents the delicate texture of its textile-like finish. Forte Graphic Rice is available in 8 attractive colour shades.



**markant**



11117

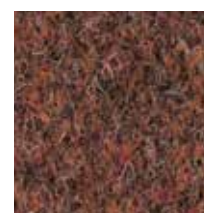
Markant is a high-quality, coarse-texture covering made of 100% polyamide fibres, equipped with all the characteristics required for hard-wearing performance in frequently used places. Markant comes with a fibre weight of approximately 600 g/m².



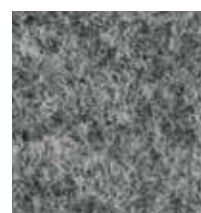
11108



11118



11116



11100



11126



11112



11103



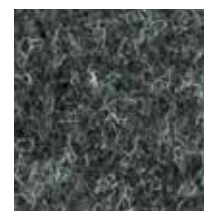
11113



11105



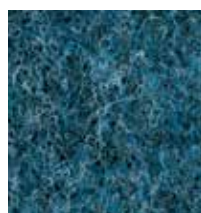
11115



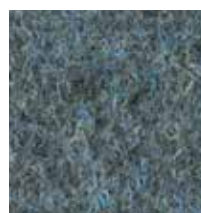
11109



11107



11117



11127

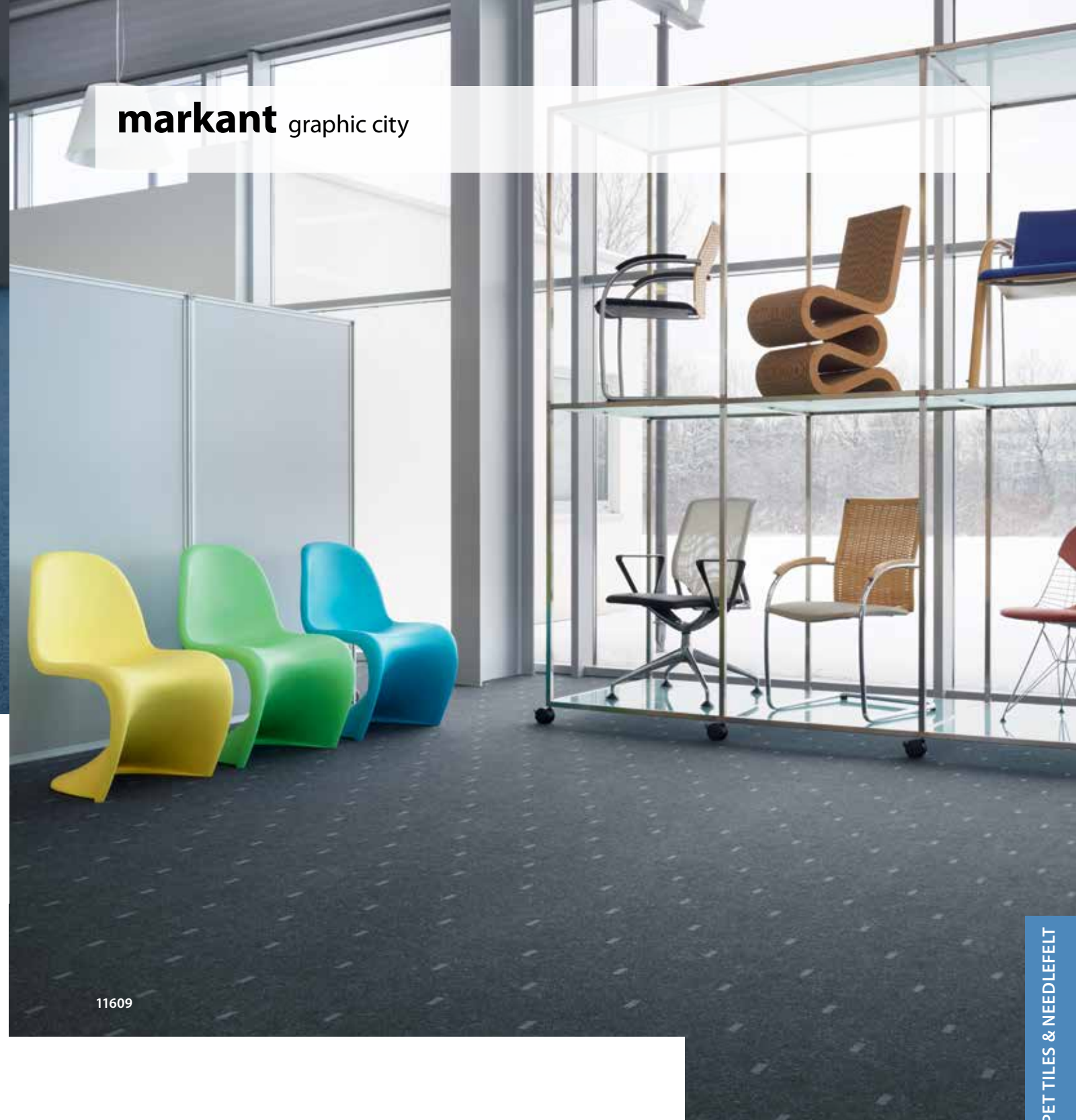


11137



11119

**markant** graphic city



11609



11616



11608



11606



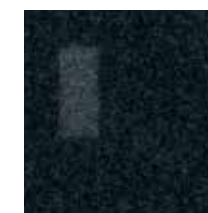
11607



11605



11609



11619



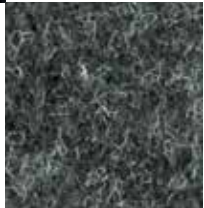
11603

This modern print design, of Markant Graphic Rice as the basis, helps accentuate an interior designer's pure lines. The classical "box" pattern makes it especially suitable for use on large floor-areas.

CARPET TILES & NEEDLEFELT



10709



10709



10707



10717



10737



10700



10712



10719



10718



10726



10703



10713














10714







10715

Technical specifications: **needlefelt** and **showtime**

		Forte / Forte Graphic	Markant / Markant Graphic	Akzent	Showtime nuance	Showtime experience
	Total thickness	ISO 1765	ca. 6.5 mm	ca. 5.5 mm	ca. 5.0 mm	3.8 mm
	Thickness of wear layer				1.3 mm	1.3 mm
	Residential application				Class 23	Class 23
	Commercial application	EN 1470	class 33	class 33	class 33	Class 32
	Roll length		ca. 30 m	ca. 30 m	ca. 30 m	40 m
	Roll width		200 cm	200 cm	200 cm	200 cm
	Installation method	NF 262			Rolls laid in same direction	Design dependent, refer to brochure
	Fibre composition of the wear layer		100% PA	100% PA	80% PA / 20% PP	100% polyamide
	Backing		100% recycled PES	100% recycled PES	100% recycled PES	100% recycled polyester
	Construction		fully impregnated	fully impregnated	fully impregnated	Fully impregnated
	Fibre weight of the wear layer		ca. 750 g/m²	ca. 600 g/m²	ca. 500 g/m²	
	Total weight	ISO 8543	ca. 1,5 Kg/m²	ca. 1,2 Kg/m²	ca. 1,0 Kg/m²	750 g/m²
	Antistatic properties ISO 10965		≤ 10⁷ Ω	≤ 10⁷ Ω	≤ 10⁷ Ω	
	Impact sound reduction	ISO 140-8	22 dB	21 dB	20 dB	ΔLw = 19 dB
	Sound absorption	EN ISO 354	aw = 0,20 (H)	aw = 0,20 (H)	aw = 0,20 (H)	aw = 0,15 (H)
	Suitability for castor chairs	EN 985	Yes	Yes	Yes	Yes
	Indoor air emissions : TVOC* at 28 days	EN ISO 16000				< 100 µg/m³
	Requirement for class A+	(ISO 10580)				< 1000 µg/m³
	GuT label				Application underway	Application underway
	REACH - European regulation	1907/2006/CE			compliant <sup>(1)</sup>	compliant <sup>(1)</sup>
	(Regulation, Evaluation, Authorisation & Restriction of Chemicals)					
	Light fastness	ISO 105/B02	> 6	> 6	> 6	
	Water fastness	ISO 105/E01	> 3-4	> 3-4	> 3-4	
	Rubbing fastness wet	ISO 105-X12	> 3	> 3	> 3	
	Rubbing fastness dry	ISO 105-X12	> 3-4	> 3-4	> 3-4	

All Needlefelt products meet the requirements of EN 14041

EN 14041  
CE

	Reaction to fire	EN 13501-1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	C <sub>f</sub> -s1 <sup>(2)</sup>	C <sub>f</sub> -s1 <sup>(2)</sup>
	Slip resistance	EN 13893	DS ≥ 0.30	DS ≥ 0.30	DS ≥ 0.30	DS (μ ≥ 0,30)	DS (μ ≥ 0,30)
	Personal charging	ISO 6356	≤ 2 kV	≤ 2 kV	≤ 2 kV	E ≤ 2 kV , Antistatic	E ≤ 2 kV , Antistatic
	Heat transmission resistance	ISO 8302	0,07 m² K/W	0,06 m² K/W	0,05 m² K/W	0,06 W/(m.K), suitable for use with underfloor heating	0,06 W/(m.K), suitable for use with underfloor heating

<sup>(1)</sup> Showtime products do not contain substances from the candidate list (substances of very high concern) published by the ECHA within the REACH regulation framework

<sup>(2)</sup> When laid on a wood substrate. Achieves A1fl or A2fl when laid on concrete

\* TVOC : Total volatile organic compounds : quantity emitted to indoor air





# ENTRANCE FLOORING SYSTEMS





3207

## ENTRANCE FLOORING SYSTEMS

### 332 coral

Ever thought about slowing down or stop to wipe your feet when you walk into a store, an office, hospital clinic or school, or other public space? Chances are you don't. Most of us just stride on in, which is why it's important to install an entrance flooring product to keep the world outside, outside.

### 350 nuway

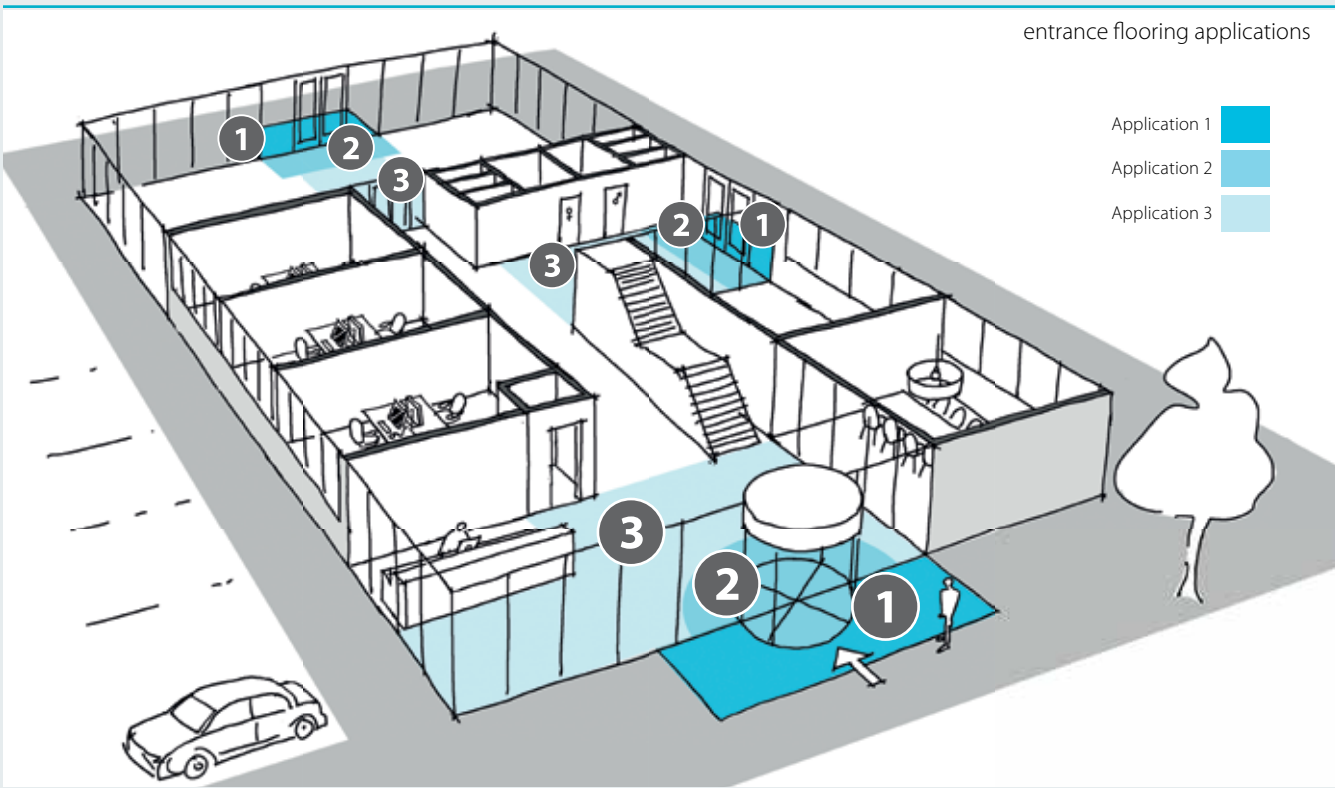
No entrance area is too big, too small or too awkwardly shaped for a Nuway rigid matting system. No level of traffic is too heavy and no level of soiling is too high. Whatever type of rigid engineered system you have in mind, Nuway's experienced sales and technical teams can guide you to a solution tailored perfectly to your needs.



# CORAL ENTRANCE FLOORING SYSTEMS

## THE FIRST STEPS IN PROTECTING YOUR BUILDING

# ENTRANCE FLOORING STARTS OUTSIDE AND BRINGS YOU INSIDE







If you really want to keep your building clean and safe, it's not enough to just put down an entrance mat in front of the door. Creating a good entrance flooring system means thinking about footfall - the number of people walking in and out in a given period - and walking routes

(the directions they take once inside) and applying that information in the design of the entrance area. One of the best ways to plan an entrance flooring system is to think in terms of applications. The table opposite is designed to help you select which Coral entrance product best meets your needs.

**Application 1: Outside use**  
Any matting placed outside the building entrance creates the first line of defense against feet-borne soil by scraping the coarsest dirt from the soles of shoes before they cross the threshold.

**Application 2: Inside use**  
Moving inside, the next line of defense, is used to remove moisture and finer dirt particles from all feet entering the building.

**Application 3: Other circulation areas**  
Other areas in the building also suffer from soil and moisture; reception areas, corridors, walkways to other parts of the building, elevators, staircase exits, etc. All these areas are prone to residual soiling and will benefit highly from a purposely designed Coral entrance floor to absorb this soiling.

Application					
coral <sup>®</sup> grip MD	1 + 2	●○○○	●●●●	●○○○	x
coral <sup>®</sup> grip HD	1 + 2	●○○○	●●●●	●○○○	x
coral <sup>®</sup> duo	2	●●●●	●●●●	●●○○	x
coral <sup>®</sup> brush	2 + 3	●●●●	●●●○	●●●○	x
coral <sup>®</sup> welcome	2 + 3	●●●●	●●●○	●●●●	x
coral <sup>®</sup> classic	2 + 3	●●●●	●●○○	●●○○	x
coral <sup>®</sup> luxe	2 + 3	●●●●	●●○○	●○○○	-
coral <sup>®</sup> logo	2 + 3	●●●○	●●○○	●○○○	-



95%

6 metres of Coral can stop up to 95% of dirt and moisture entering a building.

Coral Luxe is particularly designed to enhance the aesthetic appeal of entrance lobbies, corridors and reception areas. Because of its luxurious look and feel, this deceptive soil and moisture barrier blends particularly well with other carpeted areas of the building.

- Rich and elegant appearance
- Comfortable and soft feel
- Offers effective moisture and soil absorption
- Dries quickly for maximum functionality
- Complies with the highest fire class standard: B<sub>fl</sub>-s1
- Suitable for light industrial use and private applications
- Ideal for circulation areas
- Produced with phthalate free technology

2905

2902 | citrine

2906 | garnet

2907 | sapphire

2901 | diamond

2905 | topaz

2910 | onyx





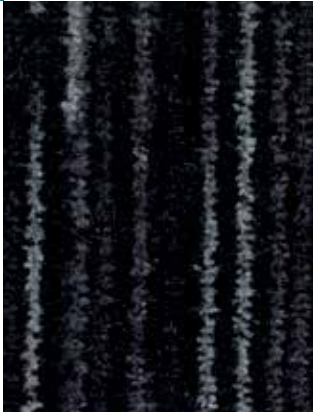
3208



Primary  
backing is  
made from  
recycled  
PET bottles

With its contemporary linear design and rich, deep pile, Coral Welcome packs the style and aesthetic appeal of a luxury carpet. But Coral Welcome is more than just a fabulous looking floor covering – it's an environmentally advanced one as well. The secret lies in its use of Ecnonyl® yarn, which is made from regenerated industrial and postconsumer waste. In the creation of Ecnonyl® products our supplier is waste positive, which means the amount of waste removed from the earth is greater than the amount of waste resulting from production. On top of that, the production has a low environmental impact because we limit the consumption of natural resources and energy to a minimum.

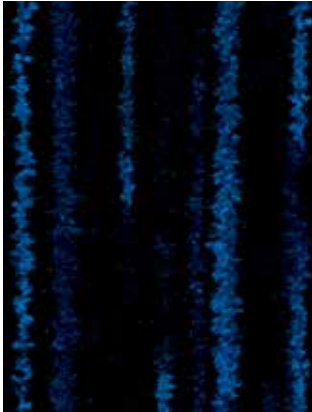
- Made with Ecnonyl® 100% regenerated yarns
- Primary backing made from recycled PET bottles
- Produced with phthalate free technology
- Keeps out moisture and dirt
- Complies with the highest fire class standard: B<sub>fl</sub>-s1
- Suitable for the toughest commercial use
- Ideal for inside entrance and circulation areas



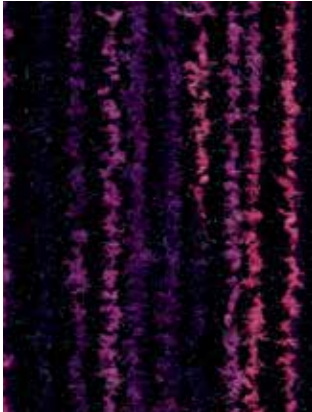
3210 | black magic



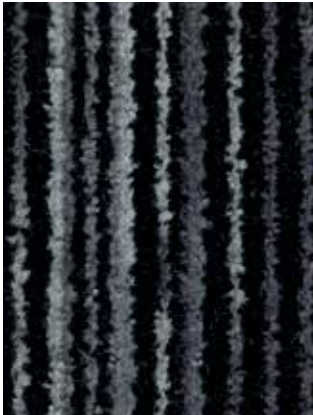
3206 | volcano



3207 | blue velvet



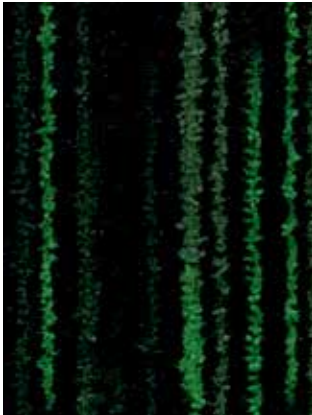
3219 | colour purple



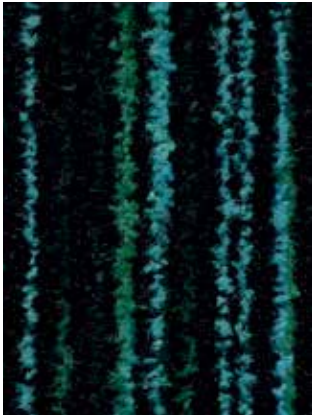
3201 | silver shadow



3202 | desperado



3208 | matrix



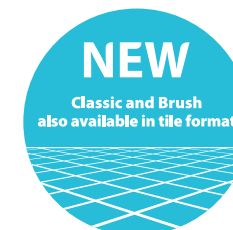
3205 | blue lagoon



**coral**<sup>®</sup> brush



5709

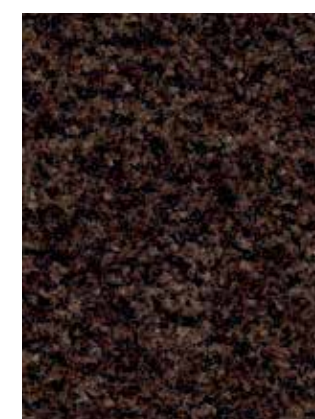


Coral Brush is suitable for all types of entrance areas, absorbing moisture and removing dry soiling as the weather demands. Created around simple, solid colours, this collection works well with any interior design, serving as eye-catcher or self-effacing support for the rest of the floor design.

- Good all-rounder that keeps out moisture and dirt
- Made with Econyl<sup>®</sup> 100%-regenerated yarns
- Appealing colours complement every floor
- Complies with the highest fire class standard: B<sub>fl</sub>-s1
- Suitable for the toughest commercial use
- Ideal for inside entrance and circulation areas
- Produced with phthalate free technology



Many Coral ranges are available with an FR version for fire sensitive areas.



5724 | chocolate brown



5714 | shark grey



5706 | brick red



5723 | cardinal red



5764 | petrified grey



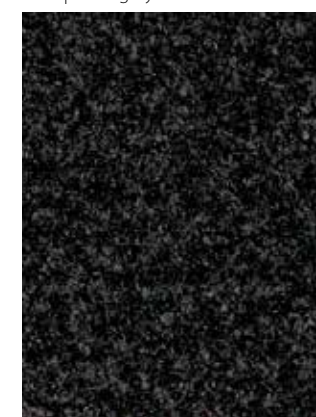
5767 | slate blue



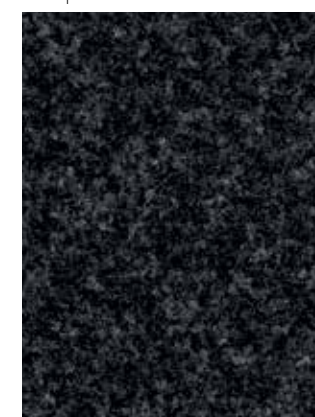
5741 | cannon grey



5715 | charcoal grey



5730 | vulcan black



5710 | asphalt grey



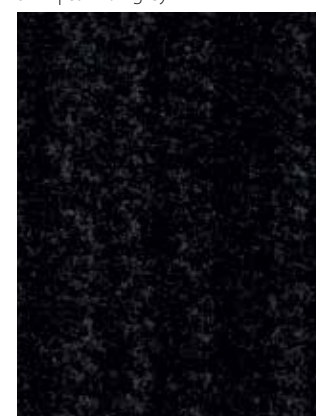
5721 | hurricane grey



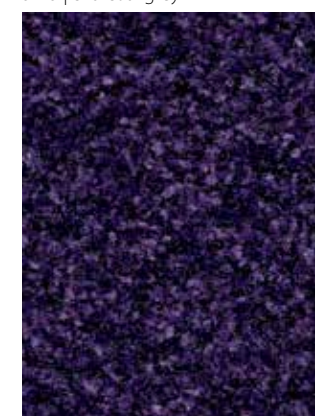
5754 | straw brown



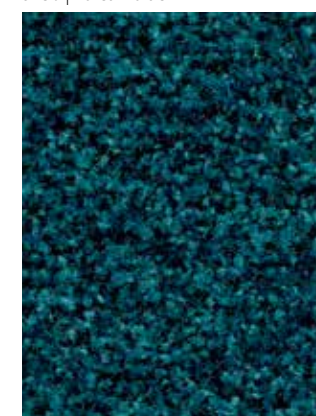
5716 | masala brown



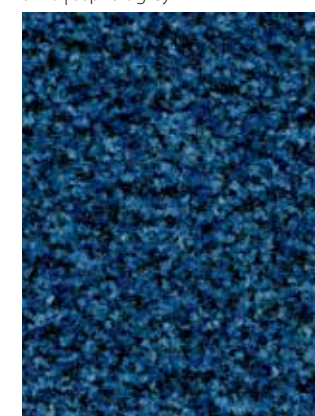
5750 | aztec black



5709 | royal purple



5705 | Bondi blue

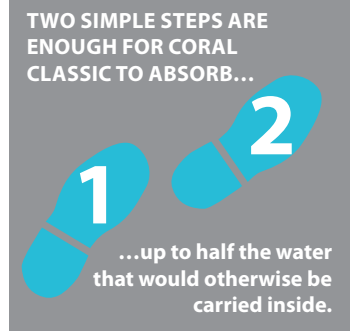


5722 | cornflower blue



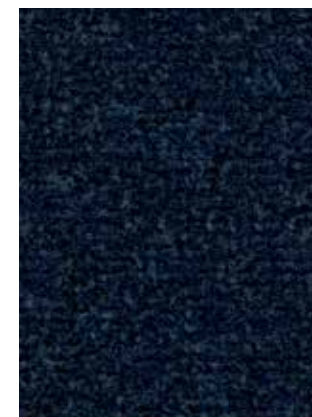
5727 | stratos blue





Research shows that taking just two steps on Coral Classic's moisture absorbing yarns is enough to absorb half of the foot-borne moisture that would otherwise be carried inside on the soles of people's shoes. A few steps more and your feet are as dry as possible. This has clear benefits. First, the floor coverings further inside stay cleaner, longer. Second, resilient floors like vinyl, linoleum, wood and concrete are less likely to become slippery and dangerous.

- Maximum moisture absorption and scrapes off dirt
- Choice of attractive contemporary colours
- Maximum colour fastness
- Complies with the highest fire class standard: B<sub>f1</sub>-s1
- Suitable for the heaviest commercial and light industrial use
- Ideal for inside entrance and circulation areas
- Produced with phthalate free technology



4727 | navy blue



4730 | raven black



4721 | mouse grey



4701 | anthracite



4751 | silver grey



4744 | espresso



4756 | bronzetone



4774 | khaki



4758 | olive



4750 | warm black



4753 | bright red



4759 | old rose



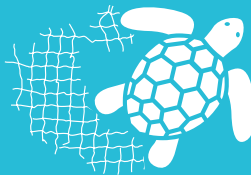
4764 | taupe





9727

Many Coral products use Econyl<sup>®</sup> yarn which is made from used and abandoned fishing nets.



Coral Duo is the go-to solution when you need maximum dirt removal, unrivalled dirt retention and exceptional moisture absorption all in the short distance of just a couple of paces. Research has shown that Coral Duo retains 10% more dirt in the first few metres than any other textile entrance flooring solution on the market.

- Excellent solution for every entrance
- Made for 75% with Econyl<sup>®</sup> 100% regenerated yarns
- Produced with phthalate free technology
- Unbeatable performance on both moisture and dirt
- Complies with the highest fire class standard: B<sub>fl</sub>-s1
- Suitable for the toughest commercial use
- Ideal for inside entrances with limited entrance floor space



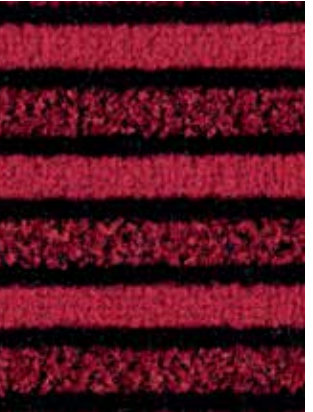
9730 | black diamond



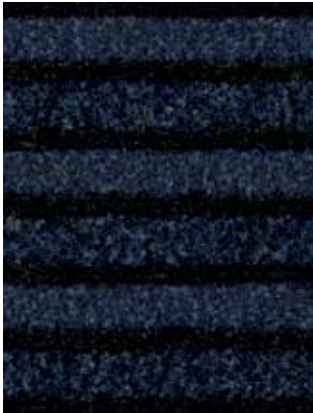
9721 | dark steel



9710 | luna pearl



9723 | African red



9727 | Volga blue



9725 | cafe bahia



9724 | cafe supreme



9714 | Sicilian sand





6145

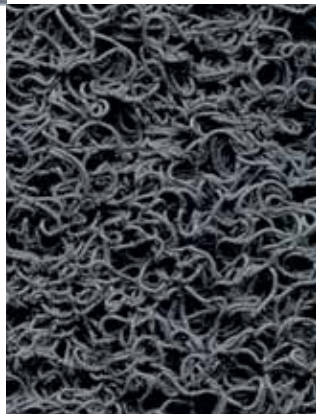
REDUCTION  
in cleaning  
time

65%

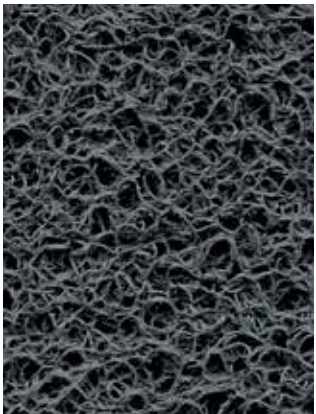


Don't start your entrance floor protection inside, start outside – by scraping off the largest soil particles before your visitors even cross the threshold. Coral Grip is a versatile, non-woven clean off barrier mat for outdoor and indoor use that comes in medium duty (MD) and heavy duty (HD) formats. Standard Coral Grip has an open, non-backed, pervious structure, though it can also be manufactured with an Everfort vinyl backing to make it impervious.

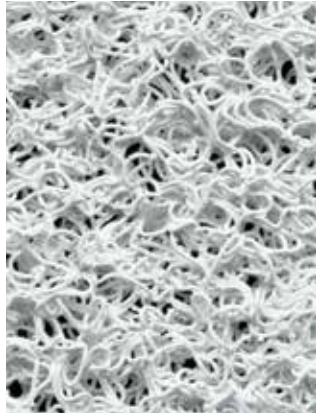
- Contains granulates for maximum non-slip performance
- Cleans off the worst dirt before it can get inside
- Helps protect an inviting interior design street-side
- Suitable for the heaviest commercial use
- Ideal for outside and inside entrance



6141 ☐ 6121 | ash



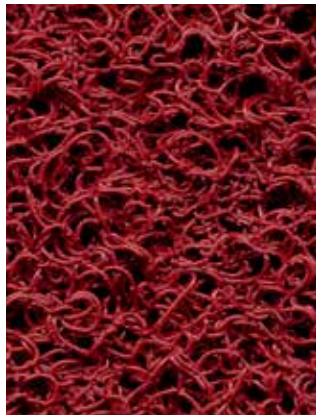
6941 ☐ 6921 | ash



6142 ☐ 6122 | salt



6942 ☐ 6922 | salt



6143 ☐ 6123 | wine



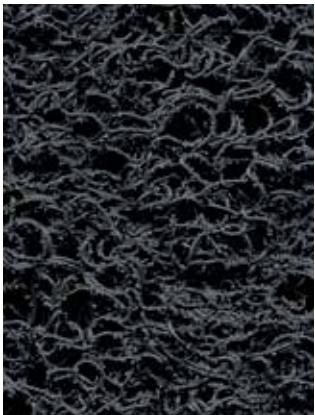
6943 ☐ 6923 | wine



6150 ☐ 6130 | ink



6950 ☐ 6930 | ink



6145 ☐ 6125 | lead



6945 ☐ 6925 | lead













61xx = HD  
69xx = MD  
open structure ☐ with backing ☒





Forbo has the capability to offer a bespoke print or cut-out design service that can be tailored to your precise design specification, offering individuality and a unique point of difference. Our Coral Logo collection offers a wide range of bright attractive colours. Depending on the colours and design of your corporate identity, you can choose between a printed mat or one with a cut inset logo. The Coral Logo collection is designed to the same standards as all other Coral products, which means it will retain its looks whilst keeping out dirt and moist for years to come.

Technical specifications coral logo

Coral Logo (43xx)*			
	Total thickness	ISO 1765 Approx. 8 mm	
	Wear classification	EN 1307 31, commercial light	
	Available sizes (all sizes are approx.) Roll sizes with 2.5 cm edge each side	Standard mat sizes (sizes with edges)	Special sizes (sizes without edges)
		55 x 90 cm	any width, any length
		105 x 155 cm, 105 x 300 cm	
		155 x 197 cm, 155 x 300 cm	
	Mat sizes with 2.5 cm edge all sides	197 x 197 cm, 197 x 300 cm up to 192 cm wide	
Colour fastness ratings:			
	Light	EN ISO 105/B02	> 5
	Rubbing	EN ISO 105/X12	4-5
	Water	EN ISO 105/E01	4-5
Manufacturing method/type		Tufted, 1/8" cut-pile	
Designs		Hi-definition custom print	
Pile material		100% High Twist Nylon polyamide	
Tuft base		Non-woven polyester	
Backing phthalate free vinyl		EVERFORT vinyl	
	Total weight	ISO 8543	Approx. 3350 gram/m²
	Pile installation weight	ISO 8543	Approx. 680 gram/m²
	Pile thickness	ISO 1766	Approx. 5 mm
	Pile density	ISO 8543	0.113 gram/cm³
	Number of tufts	ISO 1763	Approx. 110.000/m²
	Comfort class	EN 1307	LC2
	Other remarks	Dirt absorption capacity: 600 g/m² Moisture absorption capacity: 3-4 l/m² Production tolerance of 5% on size and colour	
All Coral products meet the requirements of EN 14041, excluding loose-laid mats and rugs			 EN 14041
	Fire behaviour	EN 13501-1	B <sub>f</sub> -s1
	Slip resistance	EN 13893	DS
	Personal charging		< 2 kV

Re-use waste. All the waste yarn from Coral production is re-used by the yarn supplier.



Printed logo mat














- Excellent visual quality and bright, attractive colours
- Perfect for complicated designs featuring multiple colours
- Choose from any of the colours shown plus Pantone and RAL colour matching
- Stays flat on the floor, causing less trips, due to heavy vinyl backing
- Long lasting and high resistance to sun light
- Excellent performance in removing dirt from your shoes
- Produced with phthalate free technology

Cut inset logo mat

- Ideal for extreme traffic conditions and maximum functional performance
- Choose from any colour from the standard Forbo Coral collection for the base background and logo colours
- Excellent performance due to use of Coral quality products
- Easy to combine as inlay in larger Coral installations
- Produced with phthalate free technology



Technical specifications **coral**<sup>®</sup>

		Coral Luxe (29xx)		Coral Welcome (32xx)*		Coral Brush (57xx)*	
	Total thickness	ISO 1765	Approx. 8.5 mm	Approx. 9 mm	Approx. 9 mm	Approx. 9 mm	Approx. 9 mm
	Total thickness Coral tiles	ISO 1765	-	-	-	Approx. 9 mm	Approx. 9 mm
	Wear classification	EN 1307	31, commercial light	33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy
Colours		6	8	8	18	18	18
	Available sizes (all sizes are approx.) Roll sizes with 2.5 cm edge each side	Rolls	Mats	Rolls	Mats	Rolls	Mats
		105 cm	105 x 155 cm	205 cm	105 x 155 cm	105 cm	55 x 90 cm
		205 cm	135 x 205 cm			155 cm	90 x 155 cm
	Mat sizes with 2.5 cm edge all sides	Roll lengths approx. 20 m		Roll lengths approx. 27.5 m		205 cm	135 x 205 cm
						205 x 300 cm	205 x 300 cm
Available in tiles		No	No	No	No	yes - size: 50 x 50 cm (12 tiles in a box = 3 m <sup>2</sup> )	yes - size: 50 x 50 cm (12 tiles in a box = 3 m <sup>2</sup> )
Colour fastness ratings:							
	Light	EN ISO 105/B02	8	7	7	>5	>5
	Rubbing	EN ISO 105/X12	4-5	5	5	5	5
	Water	EN ISO 105/E01	4-5	4-5	4-5	4-5	4-5
	Seawater	EN ISO 105/E02	4-5	4-5	4-5	4-5	4-5
	Waterstains	EN 1307 annex G	5	5	5	5	5
	Shampoo	BS 1006	4	4-5	4-5	4-5	4-5
	Organic solvents	EN ISO 105/X05	4-5	4-5	4-5	4-5	4-5
Manufacturing method/type		Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile
Designs		Plain colored	Multi-coloured linear	Multi-coloured linear	Multi-coloured linear	Plain designed/ coloured blend	Plain designed/ coloured blend
Pile material		100% polyamide	100% regenerated Econyl® Nylon	100% regenerated Econyl® Nylon	100% regenerated Econyl® Nylon	100% regenerated Econyl® Nylon	100% regenerated Econyl® Nylon
Tuft base		Non-woven polyester	100% recycled non-woven PET/Econyl®	100% recycled non-woven PET/Econyl®	100% recycled non-woven PET/Econyl®	Non-woven polyester	Non-woven polyester
Backing phthalate free vinyl		EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl
	Total weight	ISO 8543	Approx. 4100 gram/m <sup>2</sup>	Approx. 3950 gram/m <sup>2</sup>	Approx. 3950 gram/m <sup>2</sup>	Approx. 4050 gram/m <sup>2</sup>	Approx. 4050 gram/m <sup>2</sup>
	Total weight Coral tiles	ISO 8543	-	-	-	Approx. 4700 gram/m <sup>2</sup>	Approx. 4700 gram/m <sup>2</sup>
	Pile installation weight	ISO 8543	Approx. 1000 gram/m <sup>2</sup>	Approx. 750 gram/m <sup>2</sup>	Approx. 750 gram/m <sup>2</sup>	Approx. 920 gram/m <sup>2</sup>	Approx. 920 gram/m <sup>2</sup>
	Pile thickness	ISO 1766	Approx. 5.5 mm	Approx. 6.3 mm	Approx. 6.3 mm	Approx. 7 mm	Approx. 7 mm
	Pile density	ISO 8543	0.140 gram/cm <sup>3</sup>	0.111 gram/cm <sup>3</sup>	0.111 gram/cm <sup>3</sup>	0.105 gram/cm <sup>3</sup>	0.105 gram/cm <sup>3</sup>
	Number of tufts	ISO 1763	Approx. 93000/m <sup>2</sup>	Approx. 79300/m <sup>2</sup>	Approx. 79300/m <sup>2</sup>	Approx. 58000/m <sup>2</sup>	Approx. 58000/m <sup>2</sup>
	Comfort class	EN 1307	LC3	LC3	LC3	LC3	LC3
All Coral products meet the requirements of EN 14041, excluding loose-laid mats and rugs							
	Fire behaviour	EN 13501-1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1
	Slip resistance	EN 13893	DS	DS	DS	DS	DS
	Personal charging	ISO 6356	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV

\* Also available with fire retardant backing.

Technical specifications **coral**<sup>®</sup>

		Coral Classic (47xx)*		Coral Duo (97xx)*		Coral Grip HD (61xx)		Coral Grip MD (69xx)	
		Approx. 9 mm	Approx. 9 mm	Approx. 9 mm	Approx. 9 mm	With backing approx. 17 mm Open structure approx. 16 mm	With backing approx. 12 mm Open structure approx. 11 mm	With backing approx. 12 mm Open structure approx. 11 mm	With backing approx. 12 mm Open structure approx. 11 mm
		Approx. 9 mm	Approx. 9 mm	Approx. 9 mm	Approx. 9 mm	-	-	-	-
		33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy	33, commercial heavy
		13	8	8	5	5	5	5	5
	Rolls	Mats	Rolls	Mats	Rolls	Mats	Rolls	Mats	Mats
	105 cm	55 x 90 cm	205 cm	No mats	open 122 cm, with backing 127 cm	60 x 90 cm	open 122 cm, with backing 127 cm	60 x 90 cm	60 x 90 cm
	155 cm	90 x 155 cm				Mats only with open structure		Mats only with open structure	Mats only with open structure
	205 cm	135 x 205 cm	Roll lengths approx. 27.5 m						
	Roll lengths approx. 27.5 m	205 x 300 cm			Roll lengths approx. 10 m		Roll lengths approx. 15 m		
		yes - size: 50 x 50 cm (12 tiles in a box = 3 m <sup>2</sup> )	No	No	No	No	No	No	No
		7-8	>5	7	7	7	7	7	7
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
		Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Tufted, 5/32" cut-pile	Non Woven scraping mat with embossing	Non Woven scraping mat	Non Woven scraping mat	Non Woven scraping mat
		Multi coloured designed/coloured	ribbed	ribbed	ribbed	3-dimensional interconnected monofilaments	3-dimensional interconnected monofilaments	3-dimensional interconnected monofilaments	3-dimensional interconnected monofilaments
		100% polyamide-BCF solution dyed	100% polyamide-BCF, where 75% is regenerated Econyl® Nylon	100% polyamide-BCF, where 75% is regenerated Econyl® Nylon	100% polyamide-BCF, where 75% is regenerated Econyl® Nylon	100% vinyl Solution dyed	100% vinyl Solution dyed	100% vinyl Solution dyed	100% vinyl Solution dyed
		Non-woven polyester	Non-woven polyester	Non-woven polyester	Non-woven polyester	Non-woven polyester	Non-woven polyester	Non-woven polyester	Non-woven polyester
		EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl	EVERFORT vinyl	Open structure or with EVERFORT vinyl backing	Open structure or with EVERFORT vinyl backing	Open structure or with EVERFORT vinyl backing	Open structure or with EVERFORT vinyl backing
		Approx. 4000 gram/m <sup>2</sup>	Approx. 3800 gram/m <sup>2</sup>	Approx. 3800 gram/m <sup>2</sup>	Approx. 3800 gram/m <sup>2</sup>	With backing: approx. 8100 gram/m <sup>2</sup> Open structure: approx. 5500 gram/m <sup>2</sup>	With backing: approx. 6500 gram/m <sup>2</sup> Open structure: approx. 3500 gram/m <sup>2</sup>	With backing: approx. 6500 gram/m <sup>2</sup> Open structure: approx. 3500 gram/m <sup>2</sup>	With backing: approx. 6500 gram/m <sup>2</sup> Open structure: approx. 3500 gram/m <sup>2</sup>
		Approx. 4700 gram/m <sup>2</sup>	-	-	-	-	-	-	-
		Approx. 870 gram/m <sup>2</sup>	Approx. 670 gram/m <sup>2</sup>	Approx. 670 gram/m <sup>2</sup>	Approx. 670 gram/m <sup>2</sup>	Approx. 870 gram/m <sup>2</sup>	Approx. 670 gram/m <sup>2</sup>	Approx. 870 gram/m <sup>2</sup>	Approx. 670 gram/m <sup>2</sup>
		Approx. 7 mm	Approx. 6 mm	Approx. 6 mm	Approx. 6 mm	Approx. 7 mm	Approx. 6 mm	Approx. 7 mm	Approx. 6 mm
		0.100 gram/cm <sup>3</sup>	0.095 gram/cm <sup>3</sup>	0.095 gram/cm <sup>3</sup>	0.095 gram/cm <sup>3</sup>	0.100 gram/cm <sup>3</sup>	0.095 gram/cm <sup>3</sup>	0.100 gram/cm <sup>3</sup>	0.095 gram/cm <sup>3</sup>
		Approx. 61500/m <sup>2</sup>	Approx. 32000/m <sup>2</sup>	Approx. 32000/m <sup>2</sup>	Approx. 32000/m <sup>2</sup>	Approx. 61500/m <sup>2</sup>	Approx. 32000/m <sup>2</sup>	Approx. 61500/m <sup>2</sup>	Approx. 32000/m <sup>2</sup>
		LC3	LC2	LC2	LC2	LC3	LC2	LC3	LC2
		B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	B <sub>f</sub> -s1	With backing: B <sub>f</sub> -s1	With backing: B <sub>f</sub> -s1	With backing: B <sub>f</sub> -s1	With backing: B <sub>f</sub> -s1
		DS	DS	DS	DS	DS: µ0,78	DS: µ0,82	DS: µ0,78	DS: µ0,82
		< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV



EN 14041



# NUWAY ENTRANCE FLOORING SYSTEMS





# Nuway

The recognised market leader in engineered entrance flooring systems, Nuway matting has been efficiently removing dirt, grit and moisture from the soles of shoes and tyre treads in heavily trafficked entrance areas for over eighty years. No entrance area is too big, too small or too awkwardly shaped for a Nuway matting system. No level of traffic or soiling is too high. Whatever type of rigid engineered system you have in mind, Nuway's experienced sales and technical teams can guide you to a solution tailored perfectly to your needs.

The tough and durable rigid engineered mats can be integrated seamlessly into your interior design scheme and once installed appear to be part of the fabric of your building. They can be supplied to meet every conceivable aesthetic and technical specification, with an almost infinite range of designs, colour ways, sizes and constructions available for internal and external entrance areas. They can also be teamed up perfectly with Coral textile entrance matting to create stunning fully integrated, colour coordinated entrance areas.

## nuway® tuftiguard

**At the heart of the Nuway range, the standard Tuftiguard entrance mat is the most widely used rigid engineered entrance mat. It has the durability, strength and structural integrity to deliver excellent performance and appearance retention in very heavy traffic locations and where high levels of soil have to be removed from the soles of shoes and wheeltreads.**

Each Tuftiguard mat is assembled according to the client's individual specification using their chosen combinations of aluminium (100% recycled), brass or PVC scraper bars, and buffed or unbuffed prime

rubber and polyamide fibre composite wiper strips. These wiper strips and PVC scraper bars are offered in a wide range of colours, enabling the Tuftiguard mat to be perfectly coordinated with a Coral clean off system or other surrounding floor finishes. The wiper bars and scraper strips are assembled in an open or closed construction with high tensile electro galvanised steel wire linkages running through the components to give the mat its structural integrity and superior load bearing capacity.

### Linkages:

High tensile steel linkages give the system an engineered, constructional integrity.



### Scraper bars:

As the name suggests scraper bars literally scrape soil from the traffic crossing the entrance system.



### Wiper strips:

Wiper strips can be specified in both single and double format. Double offers twice the wiping area to increase moisture absorption over a shorter distance.

### Reversible:

Tuftiguard are double sided mats which can be reversible, effectively doubling their lifespan.



# Options available:

## Height

Standard Tuftiguard mats incorporating aluminium and PVC scraper bars are available in 12mm and 17mm heights to suit the size of the matwell. Mats incorporating brass scraper bars are available in 17mm height only.

## Wiper strips

Tuftiguard wiper strips can be specified in both single and double format. Double format offers twin wiper strips to increase moisture absorption over a shorter distance and enables more colour to be used to reflect the interior colour scheme. If the Nuway entrance system extends less than 3m into the building, we recommend that an entrance with double wiper strips is used.

## Closed construction

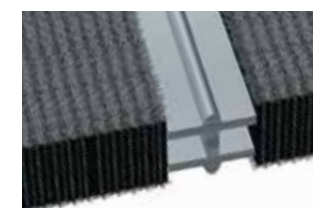
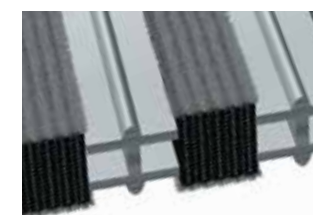
A closed construction is suitable for both interior and transitional areas. Soil removed from shoes and wheel-treads is collected within the mat itself. The gapless nature of the closed construction allows for maximum use of coloured wiper strips to complement interior design schemes.

## Open construction

An open construction provides more storage capacity for wet and dry soil and is therefore particularly suitable for external use. Removed particles and moisture can fall through the open sections in the mat to be collected in the matwell.

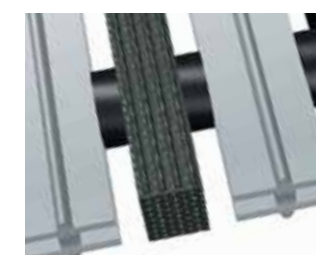
## Mix and match

As Tuftiguard is produced in modules to individual specifications, a single section of matting may contain any number of different combinations, including open and closed constructions, single and double wiper bars, unbuffed and buffed finishes, featuring any combination of colours.



A closed construction is suitable for both interior and transitional areas. Soil removed from shoes and wheeltreads is collected within the mat itself.

Wiper strips can be specified in both single and double format. Double offers twice the wiping area to increase moisture absorption over a shorter distance.



An open construction provides more storage capacity for wet and dry soil. Removed particles and moisture can fall through the open sections in the mat.



## nuway® tuftiguard HD

Nuway Tuftiguard HD is the ideal matting solution for all internal and external entrance areas where heavy duty loads and intense pedestrian and/or wheeled traffic need to be catered for.

Matting placed outside will defend against soil and the coarsest of foot-borne dirt. Inside it will defend against foot-borne moisture and finer dirt particles.

The location, type and level of traffic affects the choice of product. Tuftiguard HD is suitable for very heavy and intense traffic areas and for entrances with high point loads up to 900kg/cm<sup>2</sup>

Nuway Tuftiguard HD is double sided which means it can be reversible where the configuration of the entrance mat allows, effectively doubling its lifespan.

Nuway Tuftiguard HD offers products suitable for both internal and external entrances.

## nuway® flameguard

Suitable for internal and external use, Nuway flameguard is specifically designed for particularly fire sensitive areas such as underground railway stations. Nuway Flameguard is suitable for both internal and external entrance applications. Flameguard is double sided which means it can be reversible where the configuration of the entrance mat allows, effectively doubling its lifespan.



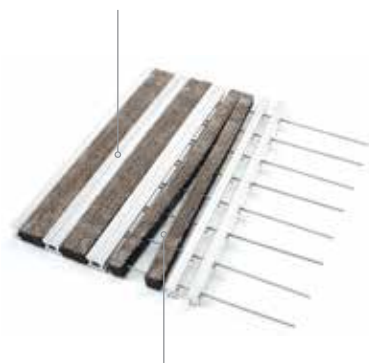
### Linkages:

High tensile steel linkages give the system an engineered, constructional integrity.



### Scraper bars:

As the name suggests scraper bars literally scrape soil from the traffic crossing the entrance system.



### Wiper strips:

Prime rubber and polyamide fibre composite provides optimum removal of dirt and moisture.

### Reversible:

Nuway Tuftiguard HD is double sided which means it can be reversible where the configuration of the entrance mat allows, effectively doubling its lifespan.



## nuway® grid

Nuway Grid is a contemporary alternative to Nuway Tuftiguard and is ideal solution in very heavy traffic entrance areas where aesthetic considerations are paramount. Grid is also easy to shape on site.

Every Nuway Grid mat features 100% recycled, extruded aluminium interlocking carrier sections for durability, with infill strips joined together by rubber double connecting strips. The aluminium sections have a low-lustre anodised finish to comply with DDA requirements. Grid is constructed to spread heavy loads and to offer long lasting effective performance in demanding locations. The carrier sections can be coupled with infill materials providing maximum design flexibility, allowing beautifully colour co-ordinated entrance areas to be created with primary and secondary entrance matting products that are perfectly matched. These materials include strips of textile infill in 13 different colourways drawn from the Coral classic and brush activ ranges. Other textile inserts from the Coral range are available to special order. Rubber inlays are also available, which allow grid mats to be used outside.

	Nuway Grid rubber	Nuway Grid textiel
Indoor application	✓	
Outdoor application		✓
Wiper strip	Black rubber	Coral Classic, Brush Pure
Scraper bars	Aluminium and brass	
Aluminium height	12 mm or 17 mm	12 mm or 17 mm
Inlay height	14 mm – 23 mm	14 mm – 23 mm
Mat construction	Closed	
Dirt removal	✓	✓
Moisture absorption		✓
Guarentee	5 year	
Level of traffic	Very heavy	

## Component structure:

### Inserts:

Extensive choice of standard inserts includes a selection of thirteen different textile inserts from the Coral classic, brush activ and burford ranges and rubber inserts (for exterior entrances).



### Carrier section:

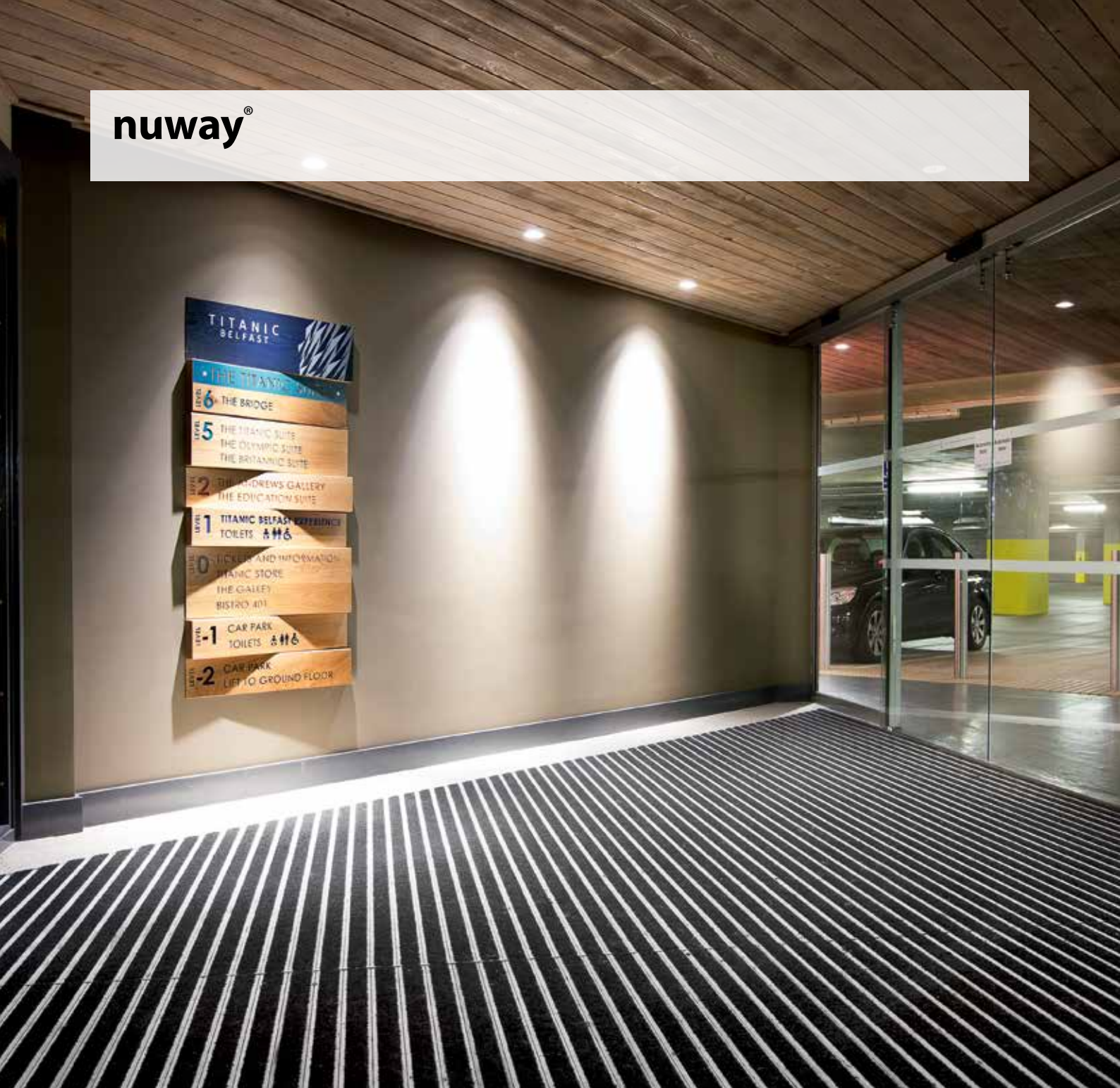
Low lustre anodised finish complies with DDA requirements as detailed in the Equality Act. Patented crimping action firmly secures textile or rubber insert within the carrier section.

## Considerations

As with all aluminium matting systems of this type, in very brightly lit entrances, the strong contrast between a light aluminium carrier and a dark coloured insert can sometimes create a strobe effect which should be prevented. To avoid disorientating pedestrians affected by this type of visual disturbance, consider using a less contrasting insert.

If you are considering using rubber inserts for an exterior mat in an exposed entrance we recommend using a combination of rubber and bristle or Ultragrip rubber for maximum slip resistance.





Coral Classic

Coral Brush Pure



4701 | anthracite



4730 | raven black



4727 | navy blue



5730 | vulcan black



5714 | shark grey



5727 | stratos blue



4752 | striking red



4744 | espresso



4766 | spice brown



5719 | bossanova purple



5724 | chocolate brown



5729 | sangria red

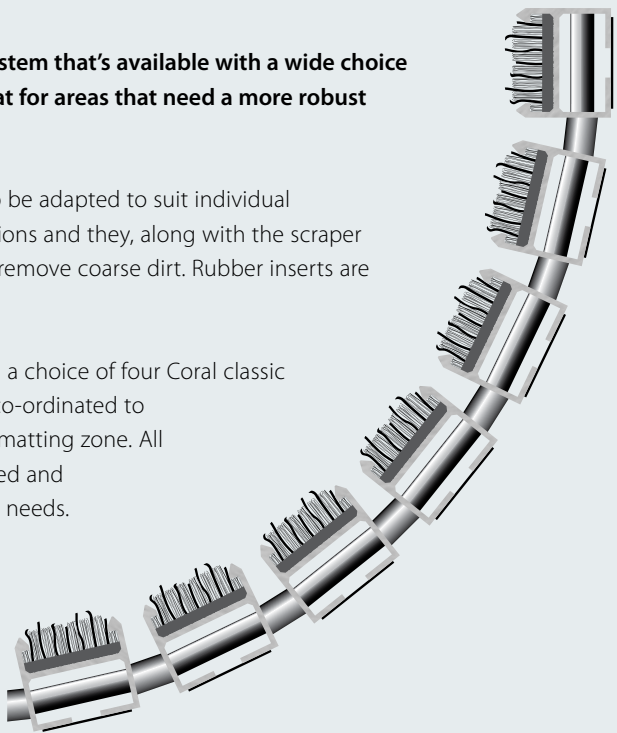
nuway® cable

Nuway cable is a versatile roll-up single sided entrance system that's available with a wide choice of inserts and accessories. It's also available in a MD format for areas that need a more robust single sided mat.

With a wide choice of inserts, Nuway cable allows the mat to be adapted to suit individual requirements. Bristles are available in single or three row options and they, along with the scraper accessory, can be used for exterior and interior entrances to remove coarse dirt. Rubber inserts are available for use in exterior entrances.

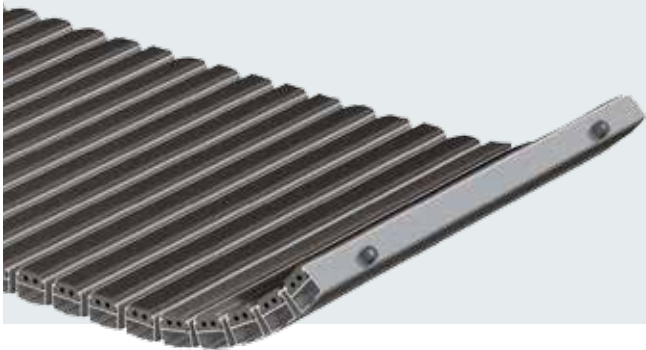
For the internal primary matting zone, Cable is available with a choice of four Coral classic inserts which allows the rigid entrance system to be colour co-ordinated to matching Coral classic sheet product used in the secondary matting zone. All four elements, Coral, bristles, scraper and rubber, can be mixed and matched to create the precise entrance system to meet your needs.

Cable is also available in a wide choice of heights from 10mm depth to 22mm with the 22mm option also available in a medium duty format. Open construction Cable mats can be rolled up for ease of cleaning of the matwell. Due to the construction of the mat, Cable mats are unsuitable for shaping on site.



Specials

There may be times when different colourways are needed. Different colours are available at a small price premium, but there is a minimum order quantity of 10m² and the lead time will increase slightly.



	Nuway Cable	
	Nuway Cable textile	Nuway Cable rubber and bristle
Outdoor		✓
Indoor	✓	✓
Insert	Coral Classic (4 colours)	Rubber or 3 row bristle
Replaceable inserts	No	
Carrier	Aluminium	
Depth to height of aluminium	10, 17, 22 and 22mm MD (3 row bristles in 17 and 22mm only)	
Depth to height of insert	13, 20, 25 and 25mm MD (3 row bristles in 20 and 25mm only)	
Construction	Open	
Mix and match inserts	✓	✓
Accessoires	3 row bristle available in 17 and 22mm product. Scraper and 1 row bristle available in 22mm product only	
Removes dirt	✓	✓
Removes moisture	✓	
Rollable	✓	✓
Guarentee	1 year	
Suitable for shaping on site	No	
Level of traffic	Very heavy*	

\* Level of traffic  
Medium: small office  
Heavy: school, shop, large office  
Very heavy: Shopping mall entrance



nuway<sup>®</sup>connect

Nuway Connect is a very versatile roll-up single sided entrance system that’s easy to shape on site, making it ideal for awkwardly shaped entrances. It’s also available with a wide choice of inserts allowing the mat to be adapted to suit individual requirements.

- Bristles can be used for exterior and interior entrances to remove coarse dirt.
- Rubber inserts can be used for interior and exterior use.
- Ultragrip rubber inserts have been tested using the Pendulum (the HSE recommended test method) in accordance with BS7976-2 and the UK Slip Resistance Group Guidelines and offer a low slip risk in wet and dry conditions.
- Ultragrip rubber offers excellent sure footing and is ideal for multi-directional entrances. Its high rubber content prevents it getting slippery when wet.
- Ultragrip rubber offers improved underfoot comfort and moisture removal due to its ‘pocket’ design. It also offers excellent fire rating properties.
- A choice of 6 Coral classic inserts allows colour co-ordination with matching Coral classic sheet product used in the secondary matting zone.
- All four elements, Coral, bristles, rubber and Ultragrip rubber, can be mixed and matched to create the precise entrance system to meet your needs.
- All inserts can also be replaced on site helping to extend the wear life of the product.
- Available in a wide choice of heights from 10mm depth to 22mm and in open or closed construction.
- Open construction Connect mats can be rolled up for ease of cleaning
- The patented product design ensures that the mat can only be rolled inwardly, helping to prevent the bow wave that can occur on other rollable products.



Technical specifications: **nuway**

NUWAY CONNECT WITH CORAL CLASSIC TEXTILE INSERT

Combination	Textile only						Textile and 4 row bristle					
System	Open			Closed			Open			Closed		
	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm
Depth to height of aluminium (mm)	8	14	19	8	14	19	8	14	19	8	14	19
Depth to height of insert (mm)	11	17	22	11	17	22	15	21	26	15	21	26
Distance between the profiles (mm)	5			0			5			0		
Weight (kg)	9.5	13.2	14.9	10.5	15.1	17.1	11.1	15.1	16.9	12.4	17.4	19.4
Max width per module (mm)	3000											
Max depth per module (mm)	Relates to the weight											
Max weight per module (kg)	23											
Dynamic load (kg) 2 wheels, 80mm 20,000 passes	200	200	200	200	200	200	50	50	50	50	50	50
Static load (kg/sqcm)	200	200	200	200	200	200	100	100	100	100	100	100
Fire behaviour EN ISO 9239-1	B <sub>fl</sub> s1						C <sub>fl</sub> s1					
Frame	A selection of recessed matwell frames are available, please see page 4.0.2 for details											
Ramp frame	ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70	
Material and manufacturing method	Anodised aluminium profiles with PVC connector profiles, stainless steel clips											
Wiper design	Coral clean-off system						Coral clean-off system and 4 row bristles					
Wiper material	100% polyamide BCF						100% polyamide BCF for both textile and bristles					

NUWAY CONNECT WITH BRISTLE

Combination	Bristle only						Bristle and Rubber					
System	Open			Closed			Open			Closed		
	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm
Depth to height of aluminium (mm)	8	14	19	8	14	19	8	14	19	8	14	19
Depth to height of insert (mm)	15	21	26	15	21	26	15	21	26	15	21	26
Distance between the profiles (mm)	5			0			5			0		
Weight (kg)	12.7	17.1	18.8	14.2	19.6	21.6	12.3	16.6	18.3	13.8	19.1	21.1
Max width per module (mm)	3000											
Max depth per module (mm)	Relates to the weight											
Max weight per module (kg)	23											
Dynamic load (kg) 2 wheels, 80mm 20,000 passes	50	50	50	50	50	50	50	50	50	50	50	50
Static load (kg/sqcm)	100	100	100	100	100	100	100	100	100	100	100	100
Fire behaviour EN ISO 9239-1	C <sub>fl</sub> s1						C <sub>fl</sub> s1					
Frame	A selection of recessed matwell frames are available, please see page 4.0.2 for details											
Ramp frame	ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70	
Material and manufacturing method	Anodised aluminium profiles with PVC connector profiles, stainless steel clips											
Wiper design	4 row bristles						4 row bristles and ribbed rubber					
Wiper material	100% polyamide BCF						100% polyamide BCF for bristles and 100% EPDM for rubber					

Please note EPDM rubber is Ethylene Propylene Diene Monomer.



NUWAY CONNECT WITH RUBBER OR ULTRAGRIP RUBBER

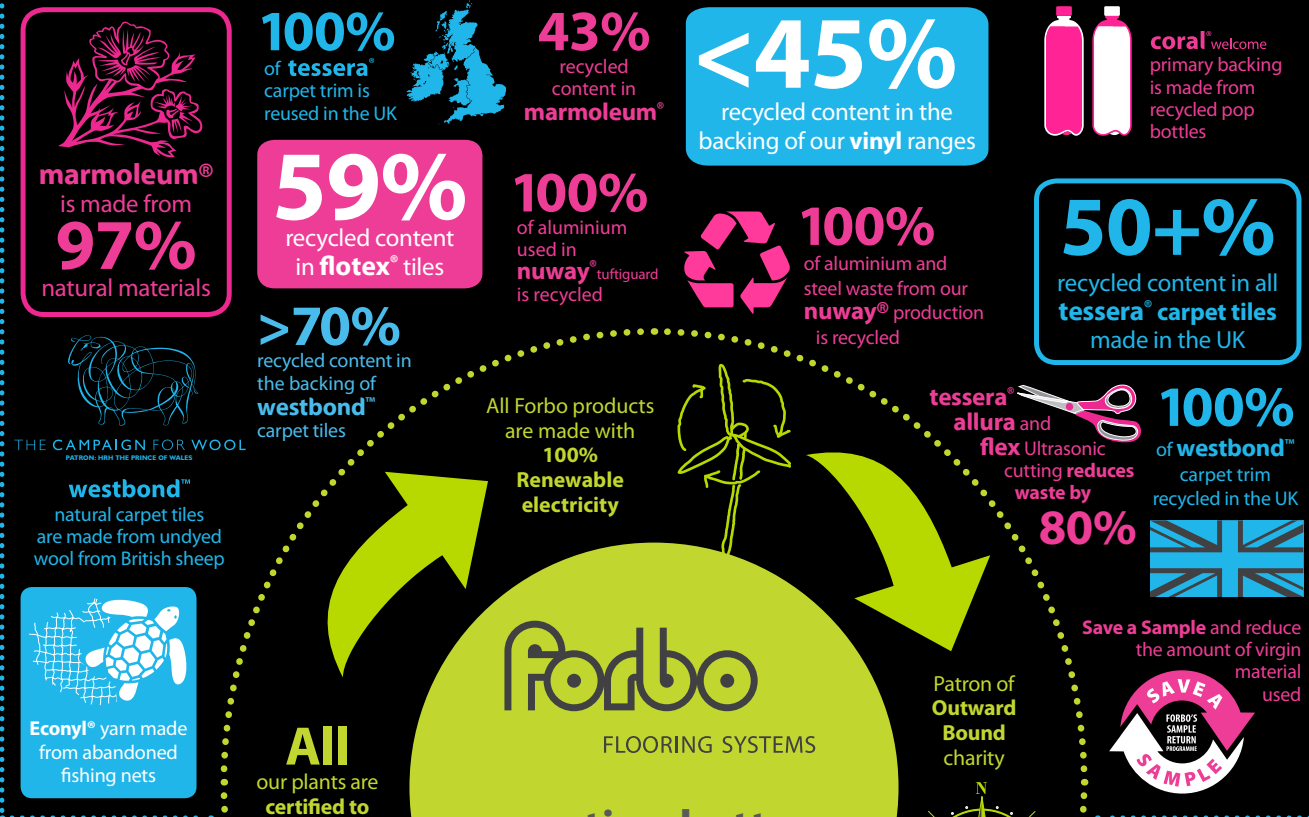
Combination	Rubber only						Ultragrip safety rubber only					
System	Open			Closed			Open			Closed		
	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm	10mm	17mm	22mm
Depth to height of aluminium (mm)	8	14	19	8	14	19	8	14	19	8	14	19
Depth to height of insert (mm)	12	18	23	12	18	23	10	16	21	10	16	21
Distance between the profiles (mm)	5			0			5			0		
Weight (kg)	12	16.2	17.9	12	16.2	17.9	12	16.2	17.9	12	16.2	17.9
Max width per module (mm)	3000											
Max depth per module (mm)	Relates to the weight											
Max weight per module (kg)	23											
Dynamic load (kg) 2 wheels, 80mm 20,000 passes	100	100	100	100	100	100	100	100	100	100	100	100
Static load (kg/sq cm)	100	100	100	100	100	100	100	100	100	100	100	100
Fire behaviour EN ISO 9239-1	C <sub>fl</sub> s1						B <sub>fl</sub> s1					
Frame	A selection of recessed matwell frames are available, please see page 4.0.2 for details											
Ramp frame	ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70		ARF 50	ARF 70	
Material and manufacturing method	Anodised aluminium profiles with PVC connector profiles, stainless steel clips											
Wiper design	Ribbed rubber						Coarse rubber					
Wiper material	100% EPDM						Rubber					





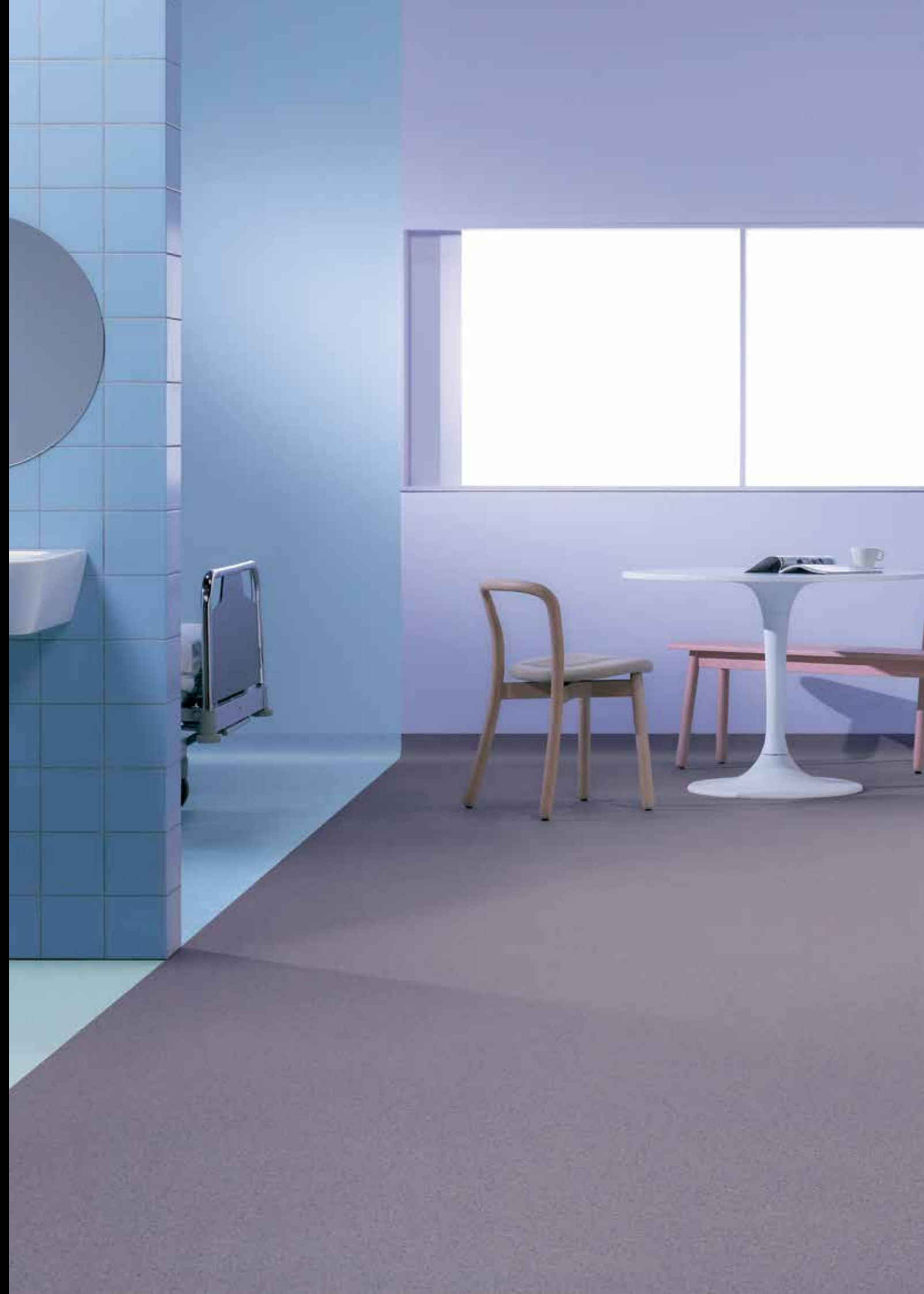
# Our footprint

How it's made



# Your footsteps

How it performs





Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring, bonding and movement systems, and offers a full range of flooring products for both commercial and residential markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering you total flooring solutions for any environment.



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