

RESILIENT FLOOR COVERINGS

Linoleum

General purpose linoleum – **marmoleum**[®] Design tile – **marmoleum**[®]_{modular} Acoustic linoleum – **marmoleum**[®]_{decibel} Static control linoleum – **marmoleum**[®]_{ohmex} Specialist linoleum – **corklinoleum** Non flooring linoleum – **bulletin board**[®] **furniture linoleum**[®]

Project vinyl

General purpose vinyl – **eternal** Luxury vinyl tiles – **allura** Loose lay vinyl tiles – **allura** flex Safety vinyl – **step**[®] Acoustic vinyl – **sarlon**[®] Static control flooring – **colorex**[®] Bespoke digitally printed vinyl





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You're thinking time is precious, we're thinking, we agree

Why deal with multiple suppliers when you can deal with one? Forbo Flooring Systems is a global producer of flooring solutions. We pride ourselves on offering a truly comprehensive product portfolio with leading edge products specifically designed to cater for each area of a project, from the entrance, through circulation and communal zones, to each individual space in the building.

We are also a major British manufacturer with five UK manufacturing plants employing more than 500 UK staff.

Our flooring solutions offer includes:-• Environmentally friendly, functional and design-oriented Marmoleum

- An extensive range of sheet Project vinyls, Acoustic vinyls and Safety vinyls
- Static control flooring for areas with sensitive electronic equipment
- High quality European manufactured Luxury Vinyl Tiles
- Entrance flooring systems that keep interior floors clean, dry and safe
- Carpet tiles for both public and commercial environments
- Flocked sheet and tile for areas that need the benefits of both textile and resilient floor coverings
- Cushioned vinyls for the home



Taking care of your floor - A selection of some of the thousands of men and women that create Forbo floor coverings in our 12 manufacturing sites across Europe, including five in the UK.

Eternal Contrast

With a range of subfloor systems, Eurocol adhesives and Floor Care products to complete this extensive and versatile product portfolio, Forbo Flooring Systems can deliver 'integrated solutions' for every project. The single source solution overcomes the need for multiple supplier visits and provides total accountability across the project, saving you valuable time, money and providing peace of mind. This brochure details our comprehensive range of resilient flooring. For information on our other key product ranges and services, please ring **0800 731 2369** for a free copy of any of our brochures.

Forbo – Integrated flooring solutions



Project vinyl





flotex[®]colour

flotex[®]linear

flotex[®]naturals

flotex[®]vision</sup>

flotex[®] sottsass

Flotex flocked flooring

marmoleum® marmoleum[®]modular marmoleum[®]decibel marmoleum[®]ohmex bulletin board[®] furniture linoleum[®] eternal – General purpose vinyl allura - Luxury vinyl tiles allura flex - Loose lay vinyl tiles step[®] - Safety vinyl **sarlon**[®] – Acoustic vinyl **colorex**[®] – Static control flooring

Bespoke digitally printed vinyl

Carpet tiles





tessera[®] – Tufted carpet tiles westbond[®] – Fusion bonded carpet tiles

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Entrance

coral[®] – Textile entrance flooring **nuway**[®] – Engineered entrance flooring

We believe in creating better environments

From how they're made to how they perform, we make outstanding floors that are truly sustainable. That's because our floors are good for people, good for buildings and good for the environment. So, from the building they're in to the world outside, we're helping our customers work, live and relax in better environments.

IT'S ABOUT THE THINGS YOU CAN'T SEE

A Forbo floor is always beautiful and stylish to look at. A floor that's comfortable to live, work and play on. But looks aren't everything; often, it's the things you can't see that really matter.

FROM HOW IT'S MADE, OUR FOOTPRINT...

From how we run our factories to how we choose our ingredients, the way we make our floors is a big part of how we meet our mission to create better environments.

...TO HOW IT PERFORMS, YOUR FOOTSTEPS...

We include the whole life of a floor when we think about its sustainability performance. Which means we make sure our floors start performing from the moment they're fitted.

The following page shows some examples of our sustainability initiatives. For more details, please visit our web site www.forbo-flooring.co.uk/cbe

| | | <i>How it's</i> |
|--|--|--|
| | 100% of tessera carpet trim is recovered in the UK | 43% recycled content in marmoleum |
| marmoleum® is made from 97% natural materials | 67% recycled content in flotex° tiles | 100% of aluminium used in nuway [*] tuftiguard is recycled |
| | >70% recycled content in the backing of westbond [™] carpet tiles | All Forbo products sold and made in the UK are produced using |
| westbond [™] natural carpet tiles are made from undyed wool from British sheep | | 100% of electricity from renewable sources |
| Econyl [®] yarn made from abandoned | All | FLOORI |
| <65% | our plants are certified to ISO 14001 | creating environr |
| reduction in cleaning costs when coral ® is installed | | Sustainability is things you ca |
| 94% of dirt and moisture can be kept outside the building with coral® | | 5 UK > factories Em |
| Our innovative random-lay carpet tiles reduce fitting waste | marmoleum [®] is biodegradable | flotex [®] releases twice as many allergens on clear than standard can |
| to less than 2% 50% | in a controlled environment | |
| LESS CO2 emissions from marmoleum® than other resilient floor coverings | nuway [®] tuftiguard mats are reversible effectively doubling their life | |
| | Y | OUR FOC <i>How it pe</i> |
| ********* | • | |

OUR FOOTPRINT *How it's made*



Green certification

We use several transparent independent third party certification systems for our flooring products. We're also keen to include our products in the building rating systems for a sustainable environment.

It's good for Forbo because it helps us share our sustainability story and spot opportunities to improve.

And it's good for you because it shows that other environmental experts agree that our floors are among the most sustainable and high performance available.

The Nordic Swan, Blue Angel, Cradle-to-Cradle, BREEAM and Natureplus are just a few of the sustainable product labels that Forbo complies to.

Just visit **www.forbo-flooring.co.uk/cbe** to find out more.

GREEN INFORMATION

We provide environmental data sheets for our products which are available online. Importantly, if a particular product doesn't meet a relevant standard or criteria, this is noted on the sheets. Please visit **www.forbo-flooring.co.uk/cbedownloads** to download the data sheets.

We also provide high quality electronic information such as BIM models with all the relevant and up-to-date information included. Please visit **www.forbo-flooring.co.uk/BIM** to find out more.



BREEAM

[Building Research Establishment Environmental Assessment Methodology]

BREEAM is the world's most well-known environmental assessment for buildings. The table opposite shows the generic BREEAM ratings for our resilient products. For a full list of all our BREEAM certified products, please visit www.forbo-flooring.co.uk/cbedownloads

SKA

Ska rating is an environmental assessment method, benchmark and standard owned by RICS (Royal Institute of Chartered Surveyors). It's for use in non-domestic fit outs and is mainly used in the office and retail sectors.

Many of Forbo's ranges contribute to the overall Ska rating of a fit out. The table opposite shows which of our resilient products meet the best practice criteria for soft floor coverings in both the retail and office schemes.

LEED

[Leadership in Energy and Environmental Design]

LEED is the most widely used environmental certification programme in the US, and is recognised internationally. This programme awards ratings based on the whole performance of a building, instead of individual products, such as flooring.

To find out more about our LEED ratings visit the downloads section of our web site and download the environmental product data sheet for the relevant product **www.forbo-flooring.co.uk/cbedownloads**

| Ind of He | Relation: Twice all Care by characture flores: 8 waterprox | nary . Ing its Fand | Angers on richur Indied cleaning na Gin be silven or ne | ning is standard notab without sh chancally dears | Geglet), In result for hermital Ind. | deniah |
|---|--|---------------------------|---|---|---|---------------------------------|
| | Ger be downgole | f-or se | rt to warte to anat | ~ | | |
| Contribution to G | reen Building Schem | es | | | | |
| BREEM BREEM (Strategy (generic)) | | | | | | |
| with PuC tacking | A A | di. | Healthcare An | Domesic | And Union Dyabilist | Antalizing |
| Flatax F2000x82 shaat with PVC backing | Pullding Type Officers School | | - | | A Realitations | (Fathers) Av |
| unp | | | Healthcare A | Domestic B | Evolution and an and an | Retablateare (Fathion) Au |
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| Further charling | Indoor anticonnectal quality | | | | v anisting manufa | |
| Forber cleatige principles (Reds | en meyele Anne Renew) | | | | | |
| lense | Several of the latest design All force samples can be re- | i d'A | Nex Shoet Name no. | aton agest, a | them wet al | |
| wycle | Petalator wate-callie as | | | e second and red | chy he read to a | netaje hiji-materal |
| vladed environmental product C-declaration number | declarations and the | | the cost part in a | spiny Derbyshine | back into Picture (| Podute |
| CASED12:06.1 | To download the GPC please | | | | | |

BREEAM

| BREEAM generic ratings for floor coverings | | | | | | | |
|--|-----------------------------|-----------|--------|----------|------------------------|---------------------|--|
| Product Description | Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | |
| Acoustic Vinyl (Sarlon, Allura flex) – PVC floor covering with a foam layer (EN651) | А | A+ | A+ | А | А | A+ | |
| LVT (Allura) – Printed laminate PVC floor covering (EN649) | А | A+ | A+ | А | A+ | A+ | |
| Static control flooring (Colorex) – Homogeneous PVC floor coverings (EN649) | А | A+ | A+ | А | A+ | A+ | |
| Compact Vinyl (Eternal) – Heterogeneous PVC floor coverings (EN649) | А | A+ | A+ | А | A+ | A+ | |
| Cushioned Vinyl (Novilon, Novilux) Cushioned PVC floor covering (EN653) | - | - | - | А | - | - | |
| Linoleum (Marmoleum) – Plain and decorative linoleum (EN548) | А | A+ | A+ | А | A+ | A+ | |
| Safety Flooring (Step) – PVC floor covering with enhanced slip resistance (EN13845) | А | A+ | A+ | В | А | A+ | |

SKA

Ska Offices and retail schemes are used on fit-out projects large and small, both refurbishment and new build, and the scheme scores environmental good practice irrespective of the base building.

The table below shows which of our resilient products meet the Ska rating criteria for soft flooring as described in the following two schemes. **Many of our carpet tile, flotex and entrance ranges also meet the Ska criteria.** Please visit **www.forbo-flooring.co.uk/ska** to find details of our full range of Ska compliant products.

M12 soft floor covering criteria (Ska Offices Vs.1.2 2013) M12 soft floor covering criteria (Ska Retail Vs.1.0 2012)

| Resilient | | | | | | |
|---|--------------------|--|--|--|--|--|
| Product | Meets Ska criteria | | | | | |
| Marmoleum sheet | ✓ | | | | | |
| Marmoleum tile | ✓ | | | | | |
| Resilient | | | | | | |
| Allura – Luxury vinyl tiles | ✓ | | | | | |
| Allura flex – Loose lay vinyl tiles | ✓ | | | | | |
| Sarlon – Acoustic vinyl | ✓ | | | | | |
| Eternal – General purpose compact vinyl | ✓ | | | | | |
| Step – Safety vinyl | ✓ | | | | | |

For more detailed information on the sustainability profile of our products, please visit **www.forbo-flooring.co.uk/cbedownloads** to download any of our Environmental data sheets.



m

marmoleum[®] Today, Tomorrow, Forever

We have been creating Marmoleum floor coverings for well over 100 years. In doing so we have preserved the rich heritage that created this well-known brand with an eye to the future, ensuring that we offer the world's most sustainable floor covering while meeting the needs of the real world. By choosing Marmoleum flooring, you create better environments, today, tomorrow, forever.

THE NEXT GENERATION OF MARMOLEUM

MARMOLEUM, THE NATURAL FLOOR COVERING

With its 'all-natural ingredients', Marmoleum flooring is almost like creating a floor covering with nutrients.

What makes Marmoleum special is that it is created 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, it is the simple, natural ingredients that create the product and give it the unique performance attributes - Marmoleum is what it is, an authentic product. All this makes Marmoleum a natural floor that, after a long 30-plus year life cycle, can start all over again as Marmoleum is biodegradable.

Alternatively, burning Marmoleum delivers a higher calorific value and creates thermal energy that outweighs the energy used during production. This demonstrates the full life cycle circle from which nature benefits.

We also recycle installation waste and production waste back into our product ensuring optimal raw material utilisation.

97% NATURAL 72% RENEWABLE 43% RECYCLED

Wood flou

(Uni) Solid Colour

MARMOWELD

MOWELS

TOPSHIELD2, FOR FLOOR PERFORMANCE IN THE REAL WORLD

The reality of day-to-day life for a floor 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 create a Marmoleum that 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 that:

- Is naturally bacteriostatic
- Resistant to hand disinfectants
- Has overall improved stain resistance
- Soils less and picks up less dirt
- Better scratch and scuff resistance
- Is easy to maintain



TO WELD OR NOT TO WELD?

That is the question. Welding is a practice that has become an accepted requirement for resilient floors. This is because most resilient floors have a tendency to shrink after installation, which creates the risk of joints and seams opening up. Marmoleum does not shrink, however. That means welding, in the majority of cases, is not required. Skilled installers can make perfect joints without the need for welding. With a good Marmoleum installation you will have an impermeable resilient floor – one that can be cleaned with water, even when not welded. To prove this, we submerged test floors in water for 72 hours, without any resulting damage to the floor.

HARDHONE)

Multicolour

Welding options

There are matching welding cords for every Marmoleum design. A particular feature is the patented multi colour welding cord from Forbo. This welding cord creates invisible seams. The solid, single-coloured cords can be used to hide seams, as decorative accents or as functional elements such as part of a wayfinding programme.



the Marmoleum Marbled Collection

The marbled collection is presented in a vast array of colours, combining stronger and subtler marbled patterns together. Marble designs combine anything from three to eight different colours that can vary in intensity and contrast. Sometimes they create bold, strong contrasts resembling real marble, yet sometimes the colours are more subtle like fresco murals.

| | in the | | | | |
|-------------------------------|------------------------------|----------------------------------|-------------------------------|--------------------------------|--------------------------------|
| 3871 silver birch LRV 41.0 | 3876 camel LRV 29.0 | 2499 sand LRV 56.0 | 3249 marly grounds LRV 40.0 | 3234 forest ground LRV 33.0 | 3232 horse roan LRV 40.0 |
| 3233 shitake LRV 23.0 | 3250 loam groove LRV 38.0 | 3252 sparrow LRV 29.0 | 3136 concrete LRV 47.0 | 3405 Granada LRV 28.0 | 3254 clay LRV 17.0 |
| 3246 shrike LRV 21.0 | 3425 autumn leaf LRV 15.0 | 3423 painters palette LRV 24.0 | 3874 walnut LRV 11.0 | 3137 slate grey LRV 16.0 | 3866 eternity LRV 21.0 |
| 3048 graphite LRV 14.0 | 3872 volcanic ash LRV 10.0 | 3139 lava LRV 9.0 | 3248 mammoth LRV 7.0 | 2939 black LRV 5.0 | 3236 dark bistre LRV 7.0 |
| 3860 silver shadow LRV 48.0 | 3216 moraine LRV 34.0 | 3883 moonstone LRV 45.0 | 3828 blue heaven LRV 34.0 | 3422 lavender field LRV 14.0 | 3245 summer pudding LRV 12.0 |
| 3219 spa LRV 32.0 | 3123 arabesque LRV 23.0 | 3238 laguna LRV 30.0 | 3053 dove blue LRV 27.0 | 3424 Chagall's circus LRV 16.0 | 3244 purple LRV 8.0 |



Real, Fresco & Vivace Collections





the Marmoleum Solid Collection

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. One could say this collection reflects traces of the past and present in many different ways such as traces of history in the rich colour palette inspired by heritage as well as future traces that reveal the art behind the modern process of making Marmoleum. Finally, there are twists and traces of colour and design to be found in the very subtle colour veins that characterise this collection. The Solid collection offers a wide range of neutral and outspoken choices for complementing the modern environments of today.







3363 | lilac

LRV 38.0



Concrete & Walton Collections

LRV 6.0

Concrete & Walton Collections







3361 | cardboard

LRV 20.0

LRV 30.0

3355 | rosemary green





3365 | original brown LRV 11.0



3713 | purple haze



the Marmoleum Patterned Collection

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. This comforting offer provides a selected foundation for playful combinations. Developing a refined and pleasing collection, an understandable palette was created. The boldness of Graphic is ideal for architectonic statements and combining materials.





LRV 11.0

LRV 12.0











5311 | signo

5306 domina 1 RV 5 0









3629 | frosty grey LRV 49.0













3640 | Pacific blue











3631 | otter

Graphic & Piano Collections

Graphic & Piano Collections







LRV 17.0 3643 | submarine LRV 7.0







LRV 12.0











the Marmoleum Linear Collection

Linearity is a modern and outspoken trend which we refined and brought up to the colour spectrum of the 21st century. The directional linear pattern is the natural outcome of making linoleum in one of its initial stages of creation. By playing with colour and exploring the boundaries of our production process, we created new designs and colour combinations. Taking these possibilities to their extreme, a special statement is made with three eye catching colours. For the remainder, nature itself was an inspiration for an extended range of warm and inviting hues.



authentic collection

Forbo Marmoleum is designed on an install and forget basis - once it's in place, it requires nothing more than simple maintenance to keep it looking good and functioning properly.

Still, some customers need a floor covering that they can "update" periodically, perhaps because of a building extension or the installation, removal or relocation of equipment.

To meet these needs, we offer a selection of colours that are guaranteed to remain available until 2021. This Authentic collection provides long term certainty when planning a series of installations over a particular time.

Authentic consists of a compact, well-balanced colour palette picked from the Marmoleum Real and Fresco palette that provides freedom of design while ensuring long-term matching and consistency. Authentic is available in 24 colours in 2.5 mm.

24 colours guaranteed until 2021



Striato Collection

5225 | compressed time LRV 34.0 5216 | Pacific beaches LRV 48.0



Special coverings for technically sophisticated solutions

In addition to our "standard" ranges, we also offer a number of linoleum floor coverings developed to meet specific technical or comfort requirements.



Marmoleum Acoustic has a total thickness of 4mm and reduces impact sound by 14 dB (ISO 717-2). It is a twinlayer linoleum built up from 2mm of Marmoleum and 2mm Corkment backing. Using Marmoleum Acoustic reduces installation costs as it can be installed in one go, avoiding the need to first lay Corkment and then Marmoleum. Marmoleum Acoustic is available in six colours.













33055 fresco blue LRV 17.0

33048 graphite LRV 18.0

33038 Caribbean

LRV 60.0 33032 mist grey LRV 49.0 33139 lava

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

marmoleum[®]ohmex

Ohmex is linoleum that meets higher requirements for electrical conductivity. Electrical resistance is improved to $< 1-10^{\circ} \Omega$ (EN1081), ensuring personal safety and protecting equipment that is sensitive to static electricity. Marmoleum Ohmex, which is 2.5 mm thick, is available in four colours. Typical areas of use are computer/server rooms and areas with sensitive equipment.



Marmoleum Decibel is 3.5mm thick and provides the highest reduction of impact sound by 17dB; the acoustic performance is achieved by laminating 2.5mm Marmoleum onto a 1mm thick layer of polyofine foam.



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





73055 fresco blue LRV 17.0











371135 cloudy sand LRV 49.0

387435 walnut

LRV 11.0



LRV 18.0

Next Generation options

All Next Generation Marmoluem colourways are available in 2.5mm gauge but a number of colours are also available in dfferent gauges and functionalities.

The table below shows which colours are available in which options.

| | - | Gauge | | | | | |
|--|-------|-------|-------|-----------------|------------------|-------------------------|--|
| Design | 2.0mm | 3.2mm | 4.0mm | Decibel 17dB | Acoustic 14dB | Ohmex static control | Authentics – available until 01/01/2021 |
| Real – 2621 dove grey | х | | | x | | | |
| Real – 2707 barley | | | | x | | | |
| Real – 2713 calico | х | | | | | | х |
| Real – 2939 black | х | | | | | | x |
| Real – 3030 blue | х | | | х | | | x |
| Real – 3032 mist grey | х | х | | | x | х | x |
| Real – 3038 Caribbean | Х | х | | | x | x | x |
| Real – 3048 graphite | х | х | | х | x | х | x |
| Real – 3053 dove blue | х | | | х | | | |
| Real – 3055 fresco blue | Х | Х | х | | x | x | х |
| Real – 3075 shell | х | х | | х | x | | x |
| Real – 3077 tan pink | Х | | | | | | |
| Real – 3120 rosato | | | | х | | | |
| Real – 3123 arabesque | x | | | | | | x |
| Real – 3125 golden sunset | x | | | x | | | |
| Real – 3126 Kyoto | x | | | x | | | |
| Real – 3127 Bleeckerstreet | x | | | x | | | x |
| Real – 3136 concrete | x | | | | | | x |
| Real – 3139 lava | x | | | | X | | X |
| Real – 3146 serene grey | x | x | | | | | X |
| Real – 3173 Van Gogh | x | ~ | | | | | x |
| Real – 3174 Sahara | x | | | | | | x |
| Real – 3203 henna | x | | | X | | | x |
| Real – 3221 hyacinth | x | | | x | | | ^ |
| Real – 3224 chartreuse | x | | | X | | | |
| Real – 3233 shitake | x | | | X | | | |
| Real – 3234 forest ground | | | | × | | | |
| Real – 3234 lorest ground Real – 3236 dark bistre | X | | | | | | X |
| | X | | | | | | |
| Real – 3238 laguna Real – 3240 willow | X | | | X | | | |
| | X | | | | | | |
| Real – 3242 adriatica | X | | | | | | |
| Real – 3244 purple | X | | | | | | |
| Real – 3249 marly grounds | X | | | | | | |
| Real – 3250 loam groove | X | | | | | | |
| Real – 3252 sparrow | X | | | | | | |
| Real – 3254 clay | X | | | | | | |
| Fresco – 3825 African desert | X | Х | | | | | X |
| Fresco – 3828 blue heaven | X | | | | | | X |
| Fresco – 3846 natural corn | X | | | | | | X |
| Fresco – 3847 golden saffron | X | | | | | | X |
| Fresco – 3858 Barbados | X | | | | | | X |
| Fresco – 3860 silver shadow | х | | | | | | х |
| Fresco – 3861 Arabian pearl | Х | | | | | | |
| Fresco – 3866 eternity | X | х | | | | | |
| Fresco – 3871 silver birch | х | | | | | | |
| Fresco – 3872 volcanic ash | x | | | х | | | |
| Fresco – 3874 walnut | х | | | x | | | |
| Fresco – 3881 green wellness | x | | | | | | |

marmoleum[®] modular

New and original

Marmoleum modular is a collection with a twist offering over 100 products that enable you to create individual, inspiring and high performing flooring designs. The collection includes tiles in four sizes ranging from extra-large (75 x 50cm) to small (25 x 25cm) and in between, the medium format square and rectangular tiles (50 x 50cm and 50 x 25cm respectively) complement the offer.





Creative freedom

The Marmoleum modular collection takes Marmoleum into new market sectors as the range offers a playful experiment with colour and structure, allowing you to enjoy creating individual flooring designs. Subtle nuances or stark contrasts – the choice is yours. You can create natural looking concrete or marbled floor designs. You can also play with tone creating designs featuring tonal progression or you can be bold and use the expression of colour to create your own design highlights. Marmoleum modular offers you the possibility to create the floor of your choice.

The collection invites you to easily combine and connect various shapes, sizes and colours of tiles to develop a completely new and unique flooring design.



design tile





Modularity surrounds us

Modularity is reflected throughout the natural and man made world, and in particular, urban architecture. Flooring finishes such as stone, ceramic, terrazzo or carpet tiles all offer the modular format and allow customers to create floors with a unique identity.

marmoleum[®] modular

design tile

Play with shade

Shade: a collection of concrete structures in cool and warm greys as well as classic black and white. The colourways are designed to complement each other and the colour range is presented in delicate steps of colour intensity and hues to create natural realistic stone and concrete patterns. The XL tile offer of 75 x 50cm allows you to emphasise the material connection of slate and stone



Play with colour

Colour: this collection features fashionable pastels alongside a modern mix of colourful concrete varieties and a full spectrum of bright warm colours which liven up the palette. This is the heart of the collection and embodies one of the best known features of Marmoleum, that of colour on the floor. Colours can be used as focus, accents or as a different way to express the environment.



design tile



| Tile sizes | |
|------------|------|
| 25 x 25 cm | 1 11 |
| 50 x 50 cm | |

marmoleum[®] modular

design tile



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

the unexpected nature of linoleum











touch®

With the use of ecologically sound materials, architecture creates a distinctive image and atmosphere in the world we live. Touch is an innovative linoleum-based floor covering range, made from natural, renewable raw materials. The range consists of two different types of surfaces that each deliver a wonderful tactile and natural experience: Touch duet and Touch solo.

Touch makes it easy to create inspiring natural environments that intrigue your senses. Environments that reflect current movements in art, fashion, architecture and interior design. Shiny and matt, rugged and smooth: a textured surface and range of colours that you sense as much as you see.

The secret of Touch duet and solo lies in the special characteristics that combine the hygienic and natural benefits of linoleum with the comforting and tactile gualities of cork.

Colours you can touch

Light and colour are elements that affect how we feel. With Touch, you create the interior mood of your choice: different yet sophisticated, cool yet warm, soft yet firm, neutral yet distinctive. In any and every space, light and shade combine with the textured surface of the floor to create a constantly changing 'floorscape' that interacts with its surroundings and is unique to that environment.

touch[®]duet

Despite its sophisticated finish, Touch duet is suitable for areas that see heavy use. This makes Touch duet perfect for public buildings, care facilities, shops, practices and offices. It is ideal for meeting rooms and offices, leisure areas, lounges and other spaces in which you might consider carpet, linoleum or any other floor covering, adding a touch of class to the environment. Being all-linoleum, homogeneous, from surface to backing, Touch is extremely wear-resistant. It is also

protected with an advanced linoleum top-finish to ensure optimal performance in cleaning and maintenance.



touch[®]solo

Touch solo is especially designed for medium traffic areas where a comforting ambiance should be created. Its warm and comforting characteristics are optimally used in meeting rooms and offices, library areas, recreation rooms, waiting rooms, elderly homes, therapy and fitness areas. Touch solo is protected by a matt finish that preserves its specific surface and makes it easy to clean.



touch[®]duet





touch[®]solo

Touch solo is a matt, slightly textured surface with a warm and natural look and feel. The six warm colours of Touch solo are based on the combination possibilities with Touch duet. In addition, any other Marmoleum colour can be combined to create an exclusive matt and gloss effect. This creates an experience of constantly changing reflections in which the contrast between light and shade is continually changing the look of the floor in ever-so-subtle ways.



The Touch collection was recognised as Goed Industrieel Ontwerp (GIO, Good Industrial Design) and has won the M Technology Award for interior design in 2008.

30

furniture linoleum







walton[®] crocodiles

Walton Crocodiles: four mono-chromatic designs embossed with a delicate crocodile pattern that results in appealing light reflections and patterns. The neutral colours take their cue from leather and this range is often used in horizontal and vertical applications, as well as on curved surfaces. Walton Crocodiles has a jute backing (like Forbo's Marmoleum floor coverings) and is especially suitable for heavy-use surfaces such as counters and baseboards. It can also be combined with floor installations.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Linoleum for walls and furniture

The Furniture linoleum and Bulletin Board collections are linoleum surfaces which have a multitude of application possibilities. Their properties make them 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.

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 highquality 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. Furniture Linoleum is available in two distinctive collections.

Unique benefits:

- For users
- tactile finish
- natural material
- environmentally friendly choice
- improved scratch and stain resistance
- matt surface
- fingerprints don't show
- antistatic
- colours don't fade

For manufacturers:

- flexible
- easy to apply
- suitable for many kinds of substrates
- processes like wood
- coatable
- manual and industrial installation possible

4171 camel LRV 28.0 LRV 23.0 4146 cornflower LRV 12.0 LRV 12.0 4155 pewter 4132 ash 4164 salsa LRV 9.0 4170 mocha LRV 18.0 4023 nero LRV 5.0 4167 carbon

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

c185 taupe

LRV 23.0 4132 ash 4169 olive 4157 pearl 4140 jeans

LRV 54.0

4176 mushroom











LRV 7.0 4166 charcoal

LRV 6.0

LRV 5.0 4102 coffee

bulletin board[®]

Bulletin Board linoleum surfacing material has a multitude of applications. Its properties make it ideally suited for use as a notice board because of its excellent pin hole recovery. It also provides a functional finish to walls, furniture, door panels and cupboards. The application of Bulletin Board in rooms shared by many people facilitates simple, efficient communication. 16 ulletin Board 2204 + B

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Bulletin Board is a linoleum surfacing material with exceptional durability that is ideal for use as notice and pin-boards. It provides a functional finish to walls, furniture, door panels and cupboards. 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 cementstabilised 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.

Pin**Art**

Created using Forbo's innovative Bulletin Board, PinArt from Artworks transforms the humble pinboard into a vibrant design led solution. It is easy to use and integrates seamlessly with any working environment. For more information call 0117 9666 331.





Bulletin Board 2204





















2182







2166





corklinoleum[®]



Corklinoleum is a warm and natural floor, ideal for areas where comfort, impact sound reducing and shock absorbing properties are required.

The natural and comfortable look of Corklinoleum brings a relaxing touch to every room. It is hygienic, practical and decorative. Corklinoleum is suitable for application in libraries, (physical) therapy rooms, recreation rooms, nurseries, living rooms, bedrooms and other areas where comfort is demanded.

Corkweld

Hygienic, practical and decorative. Corkweld provides welding rods that harmonise perfectly with the Corklinoleum range.

| 1101 | LRV 17.0 | 1102 | LRV 12.0 | 1103 | LRV 23.0 |
|------|----------|------|----------|------|----------|
| | | | | | |
| 1109 | LRV 15.0 | 1110 | LRV 45.0 | 1111 | LRV 30.0 |
| | | | | | |
| 1106 | LRV 36.0 | 1107 | LRV 19.0 | 1108 | LRV 25.0 |
| | | | . ŝ | | |
| 1112 | LRV 16.0 | 1166 | LRV 29.0 | 1191 | LRV 44.0 |

Linoleum technical specifications

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

marmoleum[®] marmoleum[®]_{ohmex}

marmoleum[®] modular

Technical specifications

Marmoleum meets the requirements of ISO 24011 and EN 548. Marmoleum Acoustic meets the requirements of EN 687. Marmoleum Decibel meets the requirements of EN 686.

| | | | Marbled | Solid | Patterned | Linear | Marmoleum Acoustic | Marmoleum Decibel | Ohmex |
|----------------------|---|----------------|--|--------------------|------------------|--------------------|-----------------------|----------------------|---|
| î v Â | Total thickness | EN-ISO 24346 | 2/2.5/3.2/4 mm | 2.5 mm | 2.5 mm | 2.5 mm | 4.0 mm | 3.5 mm | 2.5 mm |
| | Domestic: heavy | EN-ISO 10874 | Class 23 | Class 23 | Class 23 | Class 23 | Class 23 | Class 23 | Class 23 |
| | Commercial: general/ heavy/very heavy | EN-ISO 10874 | Class 32/34 | Class 34 | Class 34 | Class 34 | Class 33 | Class 33 | Class 34 |
| 1 🧰 | Light industrial: moderate/general/heavy | EN-ISO 10874 | Class 41/43 | Class 43 | Class 43 | Class 43 | Class 41 | Class 41 | Class 42 |
| Ţ. | 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 | ≤ 32 m | ≤ 32 m | ≤ 32 m | ≤ 32 m | ≤ 32 m | ≤ 32 m | ≤ 32 m |
| ° L | Indentation residual | EN-ISO 24341-1 | ≤ 0.15/0.20 mm | ≤ 0.15 mm | ≤ 0.15 mm | ≤ 0.15 mm | ≤ 0.40 mm | ≤ 0.30 mm | 0.08 mm |
| 6 | Castor chair continuous use | EN 425 | Suitable for offic | e chairs with cas | itors | | | | |
| R | Light fastness | EN-ISO 105-B02 | Method 3: blue | scale minimum 6 | 5 | | | | |
| 52 | Flexibility | EN-ISO 24344 | ø 30/ø 40/ ø 50/ø 60 mm | ø 40 mm | ø 40 mm | ø 40 mm | ø 60 mm | ø 40 mm | ø 40 mm |
| \$O | Resistance to chemicals | EN-ISO 26987 | Resistant to dilu Not resistant to | | | nventional solve | nts. | | |
| • | Bacteriostatic properties | | Marmoleum has even against the | | riostatic proper | ties, which are co | onfirmed by inc | lependent labo | oratories, |
| i Series | Cigarette resistance | EN 1399 | Marks left on lin | oleum as a resul | t of stubbed-ou | t cigarettes can b | e removed | | |
| ° Cal | Slip resistance | DIN 51130 | R9 | R9 | R9 | R9 | R9 | R9 | R9 |
| ŷ | Acoustical impact noise reduction | EN ISO 717-2 | $\leq 4/\leq 5/$ $\leq 6/\leq 7 \text{ dB}$ | ≤ 5 dB | ≤ 5 dB | ≤ 5 dB | ≤ 14 dB | ≤ 17 dB | ≤ 5 dB |
| * <u>//</u> 61067 | Electrical resistance Marmoleum Ohmex | EN 1081 | - | - | - | - | - | - | 1-10 ⁶ < R1 <1- 10 ⁸ Ω static dissipative |
| LCA | Life Cycle Assessment | | LCA is the found | lation for securin | g the lowest en | vironmental imp | act | | |
| | Additional specification | s Marmoleum Du | ual tiles (2.5 mm) |) | | | | | |
| ÷ | Dimensions (length x width) | EN 427 | 33.3 x 33.3 cm | 50 cm x 50 cm | | | | | |

Dimensional stability EN 434 K کا

CE

| Marmoleum meets the | requirements of | EN 14041 | |
|----------------------|-----------------|--------------------|--|
| Reaction to fire | EN 13501-1 | C _{it} s1 | |
| Slip resistance | EN 13893 | DS: ≥ 0.30 | |
| Body voltage | EN 1815 | < 2 kV | |
| Thermal conductivity | EN 12524 | 0.17 W/m·K | |

≤ 0.35 %

Recommended adhesives

Our recommended adhesive for standard linoleum installations is Euroflex Lino Plus 414/696. Our recommended adhesive for Marmoleum Decibel installations is Eurosafe Special 540. Our recommended adhesive for Marmoleum Ohmex installations is Eurostar Lino EL 615.

≤ 0.25 %

Technical specifications

Marmoleum Modular meets the requirements of EN-ISO 24011.

| ° ↓ ^ | Total thickness | EN-ISO 24346 | 2.5 mm |
|--|--------------------------------------|-----------------------|--|
| in ∰ | Domestic use | EN-ISO 10874 / EN 685 | Class 23 heavy |
| | Commercial use | EN-ISO 10874 / EN 685 | Class 34 very heavy |
| | Light Industrial use | EN-ISO 10874 / EN 685 | Class 43 heavy |
| | Collection size | | 46 |
| \bigoplus | Dimensions (length x width) | EN-ISO 24342 | 25 x 25 cm |
| | Packaging per carton | | 2.5 m ² (40 tiles) |
| r n K N | Squareness and straightness | EN-ISO 24342 | ≤ 0.25 mm |
| | Indentation residual | EN 433 | ≤ 0.15 mm |
| 6 | Castor chair continuous use | EN 4918 / EN 425 | Suitable for office chair |
| | Light fastness | EN-ISO 105-B02 | Method 3: blue scale m |
| | Resistance to chemicals | EN-ISO 26987 / EN 423 | Resistant to diluted acie exposure to alkalis. |
| e | Bacteriostatic properties | | Marmoleum has by nat laboratories, even agair |
| | Cigarette resistance | EN 1399 | Marks left on linoleum a |
| 98 05 | Slip resistance | DIN 51130 | R9 |
| | Acoustical impact noise reduction | EN ISO 717-2 | ≤ 5 dB |
| È | Creating better environments | | |
| \prec | Renewable Electricity | | Marmoleum Modular is |
| | Natural | | Marmoleum Modular is |
| 0 | Recycled content | | Marmoleum Modular c |
| Rodbo back to the Boor moday redect Backy | Back to the Floor | | Installation off cuts can |
| | Ska | | Marmoleum Modular n and retail schemes |
| LCA | Life Cycle Assessment | | LCA is the foundation fo |
| | Installation method | | For an optimal result it Rectangles can be laid |
| | | | |

| Marmoleum | meets the rec | uirements | of FN | 1404 |
|-----------|---------------|-----------|-------|------|
| | | | | |

| * G=1 | Reaction to fire | EN 13501-1 | C _{ri} s1 |
|----------|----------------------|------------|--------------------|
| Sec. Ds | Slip resistance | EN 13893 | DS: ≥ 0.30 |
| (Z) | Body voltage | EN 1815 | < 2 kV |
| ▦ | Thermal conductivity | EN 12524 | 0.17 W/m·K |

The above information is subject to modifications for the benefit of further improvements.

Recommended adhesives

Our recommended adhesive for Marmoleum Modular is Euroflex Lino Plus 414.

| 50 x 25 cm |
|------------|
| |

50 x 50 cm 75 x 50 cm 5 m² (40 tiles) 5 m² (20 tiles) 4.5 m² (12 tiles) ≤ 0.35 mm ≤ 0.35 mm ≤ 0.35 mm

irs with castors

minimum 6

ids, oils, fats and to the conventional solvents. Not resistant to prolonged

ature bacteriostatic properties, which are confirmed by independent inst the bacteria MRSA

as a result of stubbed-out cigarettes can be easily removed

is manufactured using 100% electricity made from renewable sources

is produced using 88% natural raw materials, 76% of which are rapidly renewable

contains 58% recycled content by weight

n be collected and recycled via Back to the Floor

meets the Ska Rating criteria for M12 soft floor coverings in both office

for securing the lowest environmental impact

t is advised to install squares tessellated (quarter turned). l tessellated and broadloom.



Technical specifications

Marmoleum meets the requirements of ISO 24011 and EN 548. Corklinoleum meets the requirements of EN 688.

| | | | The Unexpected Nature of Linoleum | Touch duet | Touch solo | Corklinoleum | |
|------------|--------------------------------------|-----------------------|---|-----------------------------------|-----------------------------------|--|--|
| Ŷ | Total thickness | ISO 24346 | 2.5 mm | 2.5 mm | 2.5 mm | 4.5 mm | |
| ١ <u>١</u> | Domestic use | ISO 10874 / EN 685 | Class 23 heavy | Class 23 heavy | Class 23 heavy | Class 22 | |
| ΪŅ | Commercial use | ISO 10874 / EN 685 | Class 34 very heavy | Class 33 heavy | Class 33 heavy | Class 31 | |
| ŵ | Industrial use | ISO 10874 / EN 685 | Class 42 general | - | - | - | |
| | Collection size | | 18 | 12 | 6 | 12 | |
| | Roll width | EN 426 | 2.00 m | 2.00 m | 2.00 m | 2.00 m | |
| 3 | Roll length | EN 426 | ≤ 32 m | ≤ 32 m | ≤ 32 m | ≤ 32 m | |
| Ţ | Indentation residual | EN 433 | ≤ 0.15 mm | ≤ 0.15 mm | ≤ 0.15 mm | - | |
| 6 | Castor chair continuous use | EN 4918 / EN 425 | Suitable for office chairs with | castors | | | |
| 7 | Light fastness | ISO 105-B02 | Method 3: blue scale minimum 6 | Method 3: blue scale minimum 6 | Method 3: blue scale minimum 6 | Method 3: blue scale minimum 6 | |
| 5 | Flexibility | ISO 24344 / EN 435 | ø 40 mm | ø 20 mm | ø 25 mm | ø 40 mm | |
| | Resistance to chemicals | ISO 26987 / EN 423 | Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged export o alkalis. | | | | |
| * | Bacteriostatic properties | | Marmoleum has by nature bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA | - | - | Marmoleum has by nature bacteriostatic properties, which are confirmed by independent laboratories, ev against the bacteria MRSA | |
| | Cigarette resistance | EN 1399 | Marks left on linoleum as a result of stubbed-out cigarettes can be easily removed. Sandpaper gently and apply a new coat of polish. Linoleum does not melt. | - | - | - | |
| °9€1 DS | Slip resistance | DIN 51130 | R9 | R10 | R10 | R10 | |
| H | Ambient sound | NF S 31-053 | - | Lnew 72 dB | Lnew 69 dB | - | |
| ° • S | Acoustical impact noise reduction | EN ISO 717-2 | ≤ 5 dB | \leq 7 dB | ≤ 10 dB | 14 dB | |
| LCA | Life Cycle Assessment | | LCA is the foundation for secu | ring the lowest environ | mental impact | | |
| | Corklinoleum and Marmoleu | ım meets the requirer | nents of EN 14041 | | | C EN 14 | |
| M | Reaction to fire | EN 13501-1 | C _e s1 | C _a s1 | C _a s1 | D _e s1 | |

| | Corklinoleum and Marmoleum meets the requirements of EN 14041 | | | | | | EN 14041 |
|---------------------|---|------------|--------------------|--------------------|--------------------|--------------------|----------|
| C _{II} -s1 | Reaction to fire | EN 13501-1 | C _{fl} s1 | C _{fl} s1 | C _{ff} s1 | D _{fl} s1 | |
| S S S | Slip resistance | EN 13893 | DS: ≥ 0.30 | DS: ≥ 0.30 | DS: ≥ 0.30 | - | |
| Ą | Body voltage | EN 1815 | < 2 kV | < 2 kV | < 2 kV | < 2 kV | |
| | Thermal conductivity | EN 12524 | 0.17 W/m·K | 0.12 W/m·K | 0.12 W/m·K | 0.10 W/m·K | |

The above information is subject to modifications for the benefit of further improvements.

Recommended adhesives

Our recommended adhesive for standard linoleum installations is Euroflex Lino Plus 414/696.

furniture linoleum bulletin board[®]

Technical specifications

Desktop meets the requirements of EN 688 Walton Crocodiles meets the requirements of ISO 24011 and EN 548.

| | | | Desktop | Walton crocodiles | Bulletin board |
|--------------|----------------------------|--|---|--|--|
| | Total thickness | EN 428/EN 649 | 2.0 mm | 2.5 mm | 6.0 mm |
| ₿ | Collection size | | 20 | 4 | 12 |
| 53 | Roll width | EN 426 | 1.83 m / 2.0 m - 4023 Nero only | 2.0 m | 1.22 m (6 items available in 1.83 m) |
| \$ | Roll length | EN 426 | ≤ 30 m | ≤ 32 m | approximately 28 m |
| <u>_</u> | Total weight | EN 430 | 2.1 kg/m ² | 2.9 kg/m ² | 5.4 kg/m ² |
| J | Residual indentation | EN 433 | ≤ 0.20 mm | ≤ 0.08 mm* | - |
| \mathbb{R} | Light fastness | EN ISO 105-B02 | Method 3: blue scale minimum 6 | | - |
| | Gloss level | ISO 2813 | < 5 | 8* | - |
| 2 | Flexibility | EN 435 | ø 50 mm | - | - |
| Ð | Resistance to chemicals | EN 423 | Resistant to diluted acids, oils, fats Not resistant to prolonged expose | s and to the conventional solvents such a ure to alkalis. | s alcohol, white spirit etc. |
| 1 | Bactereiostatic properties | | | | Linoleum has bacteriostatic properties |
| | Heat resistance | EN 433 | 70°C | - | - |
| CA | Life Cycle Assessment | LCA is the foundation for securing the lowest environmental impact | | | |
| | Desktop meets the requirer | nents of EN 14041 | | | EN 140 |

Desktop meets the requirements of EN 14041

Body voltage EN 1815 < 2 kV

*Typical value

The above information is subject to modifications for the benefit of further improvements.

Recommended adhesives

Our recommended adhesive for Bulletin Board is Eurosafe Cork 530.

_

< 2 kV

project vinyl

Forbo has almost 50 years experience in manufacturing PVC based floor coverings and is a major player in the resilient flooring market. The extensive collection of project vinyl offers a number of ranges that reflect the breadth of our design portfolio and the quality of our production while class leading performance characteristics are given by the low maintenance, stain resistant PUR Pearl finish.

All Forbo's project vinyl ranges meet the European air quality requirements as defined by AGBB Dibt.



General purpose: eternal

Luxury vinyl tiles allura allura premium allura form allura flex

Safety vinyls step

HFO

GEOPARK

Acoustic vinyls sarlon

Static control flooring colorex

Other vinyl/Digitally printed vinyl



Surestep star 176082 snow | 176072 per

The project vinyl portfolio contains 6 main groups:

eternal general purpose vinyl

Extraordinary design and exceptional performance





Distinctive in every application

More than ever before, when you turn to the new Forbo Eternal general purpose vinyl collection you'll discover a superb combination of state of the art designs in a strong, durable, fit-for-purpose range – whatever your application.

The collection presents a balanced range **Authenticity** of wood, stone and abstract designs, alongside a comprehensive, modern colour palette sure to complement your interior designs.

When you're looking for a flooring solution, you'll find the Eternal collection offers you balance between looks and performance.

Whether you're an architect or interior designer looking for a distinctive design, or a facilities manager or contractor seeking a functional solution, the design elements of the Eternal collection can be blended together to achieve the perfect end result.

For the new Eternal collection, Forbo's design team has developed convincing, authentic visuals with a unique identity and a natural feel. Eternal's high tech PVC wear layer and PUR Pearl finish are key to the collection's ability to keep its as-new appearance even after years of intensive use.

A well known brand

The Forbo Flooring Eternal brand has become synonymous with assured and guaranteed quality. The brand's performance benefits are clearly recognisable in many installations worldwide.

A balanced collection

Extraordinary design and exceptional performance – it's a promise fulfilled across every area of the collection:

- Functionality which goes hand in hand with visual appeal
- Accessible design that's easy to apply
- Wide colour ranges, from soft tones to accent colours – and everything in between
- Outstanding performance in every way
- Mix and match together with current popular interior finishes

Balance wherever you want it

From the spills and tumbles of a nursery through to the large scale thoroughfares in a modern university, there is a common need for attractive, functional products. Eternal has the performance and product properties to satisfy such a diverse range of needs.

Education

Bright, stimulating colours contribute to good learning environments. While contrasting colours can help designate different parts of the classroom, libraries or study halls.



Healthcare

A healing environment needs appealing flooring that adapts to its surroundings. The caring and soothing characteristics of healthcare interiors were kept in mind during the design process and Eternal's PUR Pearl easy-to-clean, stain resistant, low maintenance surface fits the demanding cleaning regime essential in this segment.

Retail, leisure and hospitality

All application areas here benefit from a flooring solution with an identity. The floor can be used to communicate branding or zoning within the location.



Today offices feature a more relaxed and welcoming feel, to create equilibrium between thought and inspiration. The Eternal range excels in helping you achieve this. By mixing and matching, it enables you to create balanced zoning with functional and aesthetic flooring especially in more practical areas.







BREEAM ratings

| Building Type | | | | | | |
|---------------|-----------|--------|----------|--------------|-----------|---------|
| Commercial | Education | Health | Domestic | (Durability) | (Fashion) | Results |
| A | A+ | A+ | A | A+ | A+ | _ |
| | | | | | | |



eternal wood





11562 tropical beech LRV 26.0 10492 red oak



 $\left(\uparrow\uparrow\right)$

LRV 14.0 10362 warm chestnut LRV 17.0 10482 rustic oak LRV 10.0 11542 traditional oak LRV 22.0 10232 dark walnut

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





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Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

eternal concrete

 res

A contemporary concrete with a subtle satin look in four natural warm and four neutral grey tones.









LRV 15.0 13032 anthracite LRV 11.0 13072 umber 13082 gravel

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

eternal stone





13562 black LRV 6.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

eternal slate

in three dark classic colours.

48

$\left(\uparrow\right) \downarrow$

| 6 | | 2 |
|----|---|----|
| ľ. | ŕ | Ľ |
| U | | L, |

A genuine slate look with pattern and surface texture realised by the lively slate embossing,

eternal smaragd

 res

eternal marble







Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

$(\uparrow \downarrow)$

eternal sand

 res



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

eternal weave





13742 copper





and silver.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

LRV 19.0 13752 bronze

LRV 20.0

LRV 20.0

$(\uparrow \uparrow)$

eternal metal

A new, modern, outspoken design with a brushed metal effect, in five recognisable metallic colours including copper, bronze



eternal palette

 $(\uparrow \downarrow)$

eternal contrast





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





40232 night

1.6.5

LRV 35.0





41662 steel

LRV 11.0

res



LRV 16.0 41012 tomato

LRV 13.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura[®] luxury vinyl tiles

The art of flooring

The all new Forbo Allura collection presents the ultimate in realistic natural and abstract designs that have been created with state of the art production techniques and processes to create the most realistic and natural material expression in luxury vinyl tiles.

Produced and designed in Europe, Allura offers eye catching design along with exceptional performance and sustainability credentials.











| BREEAM ratings Allura, Allura Form, Allura Premium – Printed laminate PVC floor covering (EN649) | | | | | | | |
|---|-----------|----|---|------------------------|---------------------|--|--|
| Building Type Commercial | Education | | | Retail (Durability) | Retail (Fashion) | | |
| A | A+ | A+ | A | A+ | A+ | | |





All Forbo Allura designs are unique to this collection. Our wide range of wood, stone and abstract visuals are produced from 4m wide, 1.5m circumference rollers which, when combined with true to life embossing structures, create designs that are the best in the industry. Couple this with ultrasonic cutting and precise bevelling, a choice of 0.55mm or 0.7mm wear layer on all designs and durable finishes, Allura is truly a unique collection of luxury vinyl tiles.

Allura premium

Available in a select number of colourways, Allura premium offers a surprising collection of woods and stone which provide something truly unique. Inspiring material expressions, achieved through innovative design and production processes, deliver a superior offer in Luxury Vinyl Tiles that create unusual and outstanding interiors. Allura Premium comes with a 0.7mm wear layer and is available in variety of formats including XL.

Allura form

Pushing the boundaries of what's possible in luxury vinyl tiles, and reflecting contemporary and emerging trends, Allura form extends the Allura concept with new shapes, larger sizes, mix and match modularity and new colours and patterns.

Allura flex

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

| BREEAM ratings Allura Flex – Printed laminate PVC floor covering (EN649) | | | | | | |
|---|-----------|--------|----------|------------------------|---------------------|--|
| Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | |
| A | A+ | A+ | A | A | A+ | |

Loose lay vinyl tiles are now often seen as the preferred solution for floors that require guick installation. They are ideal for use alongside carpet tiles as they can be installed using the same tackifier. With a range of wood and stone designs alongside interesting abstracts, Allura flex can complement any flooring design.

A versatile collection with products that suit a wide range of applications

Luxury Vinyl Tiles (LVT) are still a relative newcomer to the flooring market, however the modular format has made LVT an attractive alternative for many applications where efficiency, design and quality go hand in hand.

LVT products are characterised by their design and realism but also by their practical functionality. LVT provides a wood floor that does not splinter, crack or squeak or a stone or metal floor that is comfortable and warm underfoot. Combined with the benefits of their modular format which makes the product easier to handle, store and install, it's no wonder that luxury vinyl tiles are one of the fastest growing sectors of the flooring market.

Why chose Forbo's Luxury vinyl tiles – Allura

Forbo's Allura collections are all produced and designed in Europe using ultra-modern production lines and technologies.

Design and performance

- Large print rollers reduce the amount of design repeats in the planks or tiles on the floor thereby increasing the realism
- In-register embossing to increase the natural look of the wood designs
- Increased dimensional stability allowing us to create planks up to 150cm x 28cm and 100cm x 100cm tiles for truly striking effects
- Advanced cutting for precise bevelling
- Matt finish for a more authentic look
- Superior dimensional stability for ease of fitting and improved durability
- Proven wear layer for reduced cleaning and maintenance

Sustainability

- Produced using 100% electricity from renewable sources
- Ultrasonic cutting reduces the amount of waste to less than 5% which is significantly less than traditional press cutting methods
- Produced in Europe with all components being REACH compliant
- Contains 30% of controlled recycled waste in its backing
- All installation waste can be collected and recycled back into our products via our Back to the Floor scheme. Please visit www.forbo-flooring.co.uk/backtothefloor to find out more.







Product and installation

Allura offers quality in every detail. The planks offer flexibility for easy cutting and installation. Exact measurements and dimensional stability always deliver a perfect fit of the floor.





Strips overview

| And the second s | |
|--|---|
| f62416 natural concrete | |
| | |
| f61255 natural seagrass | |
| | |
| | |
| f61257 timber seagrass | |
| | |
| f60074 black oak | |
| | |
| f60003 light maple | |
| | |
| f63624 silver | |
| | _ |
| | |
| f60127 mud | |
| | |
| f60128 charcoal | |
| | |
| f60126 concrete | |
| | |
| f63710 snow | |
| | |
| | |
| f63412 gold | |
| | |
| f63413 copper | |

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



w60300 central oak

Key: products marked with a \checkmark are bevelled

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

✓ deep country oak ✓

central oak

allura®

wood | stone | abstract



Key: products marked with a \checkmark are bevelled

 \sim

warm metal

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

wood | stone | abstract

Natural looking floors with only a few pattern repeats in the plank designs, ensures trueto-life floors that range from subtle tonal colours to expressive and modern woods.



allura®

wood | stone | abstract



s62487 camel sand

desert limestone

62

wood | stone | abstract



allura®

violet scales

wood | stone | abstract



sky scales



jade scales



a63697 pastel vertical stripe | a63698 pastel horizontal stripe | a63714 jade scales



emerald oxid

dragon scales

green reclaimed wood



Key: products marked with a \checkmark are bevelled



wood | stone | abstract

Intriguing abstract designs are ideal for those looking to make a statement on the floor. Mix and match plain and linear designs along with XL sizes for maximum impact.



black snakewood

Key: products marked with a \checkmark are bevelled

indigo textile

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

a63686 indigo textile

allura®

wood | stone | abstract









Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura[®] premium

solid oak





Key: products marked with a \checkmark are bevelled





∽ dark shadow



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura[®] premium

raw edge





grey raw edge

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura[®] premium

traces of time





cool traces of time

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

warm traces of time


allura[®] premium

plywood





black plywood

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura[®] premium buffalo





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Allura *form* luxury vinyl tiles form and function; beautifully combined

Pushing new boundaries

Forbo is constantly looking to push the boundaries of design. If you're looking for increased design flexibility and creative floor covering solutions, Allura Form is ideal. It's a groundbreaking collection whose distinctive themes and shapes aim to inspire.

Reflecting contemporary and emerging trends, Allura Form extends the core Allura concept with new shapes, larger sizes, mix and match modularity along with new colours and patterns. The result is increased choice for everyone who wants to combine leading-edge design with Allura's proven practicality. From a diamond-shaped tile that offers endless combination possibilities to multi-width, large authentic oak planks, every collection element within Allura Form will promote fresh, exciting opportunities, helping you create floor designs that are contemporary, unique, and practical.

Only from Forbo Flooring

Every aspect of Allura Form is exclusive to Forbo Flooring. Developed by our in-house design team, each pattern and shape is original so that the entire range reflects years of experience in developing design driven floor coverings. Advances in in-house technology have enabled us to create new shapes and larger sizes, while continuing to guarantee the highest quality. And all Allura floor coverings are produced using the latest production technologies and sustainable manufacturing principles at our facilities at Coevorden, in the Netherlands.







BREEAM ratings



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

25 cr







Square inspiration



Square inspiration

allura form

Triangle





blond ahorn*





Triangle inspiration 3





←→ direction of grain Triangle inspiration 4

allura form

Diamond











Diamond inspiration 3

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

34.6 cm

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



 \longleftrightarrow direction of grain

earrass coal

seagrass timbe



Diamond inspiration 2



Diamond inspiration 4

allura form Stone Dimensions







stone grey 100 x 100cm

100 cr





sions inspiration 1

Stone Dimensions inspiration 3



Stone Dimensions inspiration 2



Stone Dimensions inspiration 4

allura form

Oak XL



| | w60300 | - |
|------------------------|--------|-------------------------|
| central oak 150 x 28cm | | whitened oak 150 x 28cm |
| | w60310 | J.C. |
| central oak 150 x 14cm | | whitened oak 150 x 14cm |
| the second second | w60321 | |
| central oak 150 x 7cm | | whitened oak 150 x 7cm |
| | | |
| Oak XL inspiration 1 | | Oak XL inspiration 2 |
| 28 cm | | |
| 150 cm | | |
| 150 cm | | |
| N | | |

Oak XL inspiration 3

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

25 cm

50 cm

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



direction of grain Oak XL inspiration 4

Loose lay vinyl tile

A versatile collection with products that suit a wider range of applications

Allura flex is a collection of high quality, dimensionally stable, heterogeneous vinyl tiles and planks which are adhered with tackifier rather than permanent adhesive. Available in 36 designs ranging from natural stones and woods to interesting metallic and textured effects, the collection offers something for all commercial floors.

Ideal for use alongside carpet tiles, Allura flex has a gauge of 5mm with a 1mm transparent wear layer and proven PUR Pearl® finish.

Please visit www.forbo-flooring.co.uk/alluraflex to find out the recommended laying method by colourway.

Eleven Allura flex designs are available on our Forbo Direct service where we guarantee to deliver up to 500m² within 5 working days.* The 11 colours are marked on the following pages with a >

*terms and conditions apply. Visit forbo-flooring.co.uk/forbodirect





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura flex

wood





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

80

| REEAM rating: Ilura flex – Prin | REAM ratings Iura flex – Printed floor covering with a foam layer (EN651) | | | | | | | | | |
|------------------------------------|--|--------|----------|------------------------|---------------------|-----------------|--|--|--|--|
| Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | 1999 Results | | | | |
| A | A+ | A+ | Α | А | A+ | _ | | | | |

allura flex

wood





Key: products marked with a **>** are available on Forbo direct

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura flex

stone



Key: products marked with a > are available on Forbo direct

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

allura flex

abstract



rusty oxidised steel warm metal

silver metal scratch > rust metal scratch

Key: products marked with a > are available on Forbo direct

allura flex

abstract





Key: products marked with a **>** are available on Forbo direct

84

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Step safety vinyl

Safety. Design. Confidence.



- **1.** Safety vinyl flooring with **guaranteed lifetime slip resistant performance.**
- **2.** Differentiated design with **no compromise on performance**.
- **3.** A collection which enables a range of slip resistance ratings to be used across co-ordinating colour schemes.
- **4.** Unique, attractive and **comfortable solutions** for wetroom applications.
- 5. Innovative slip resistant particles, Step Crystals, which contribute to a clean and fresh design, easier cleaning and an improvement on our Life Cycle Assessment.





Forbo's Step safety vinyl can be used wherever people work, learn, play or go about their daily business as slip resistance is a key consideration in the creation of safe working, living and public environments. The new Forbo Step collection combines outstanding slip resistant properties with differentiated aesthetics and, through the use of new 'Step Crystals', each colourway offers a clean, fresh look and improved cleaning and maintenance properties.

Step: Style, versatility and guaranteed performance.

Step is a heterogeneous product where each layer adds functionality to the product, ensuring optimal performance.

calendared backing that provides the ability to withstand dynamic loads and minimises residual indentation. This layer contains up to 60% of controlled recycled waste, contributing to the products environmental credentials. The flexible glass fleece layer reinforces the product and provides optimal dimensional

stability; but it's in the wear layer of the product where the lifetime slip resistance performance is designed in. The presence of Step Crystals throughout the wear layer ensures continuing slip resistance.

The final top coat is a matt PUR protective layer which optimises appearance retention even under high traffic conditions and protects against scratches.

Most Forbo Step products are finished with PUR Pearl, a finish that is stain and chemical resistant and provides an ideal finish for cleaning and maintenance.

Many of the products in the Forbo Step range include Step Crystals which offer a clear and light aesthetic and also reduced The construction begins with the compact soiling. As Step Crystals are made from recycled material, they also enhance the environmental performance of the collection.

> For Wetroom applications, Forbo Step offers ranges featuring embossed structures which are organic in design, hygienic and comfortable underfoot.



| BREEAM ratings Safety Flooring – PVC floor covering with enhanced slip resistance | | | | | | | | |
|--|-----------|--------|----------|------------------------|---------------------|--|--|--|
| Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | | | |
| A | A+ | A+ | в | A+ | A | | | |

Step is:

- A versatile, durable slip resistant product
- Easy to clean and maintain
- Includes a flexible glass fleece carrier for superior dimensional stability
- Matt finish for a natural appearance
- A wide range of colours for creative solutions
- Can be colour coordinated with other Forbo flooring solutions
- Produced using 100% electricity from renewable sources
- Up to 60% controlled recycled waste in the backing
- Step crystals are produced using recycled materials



Before



Now



New Step crystals contribute to a clean and fresh design

step safety vinyl



All Step floors meet the wet pendulum test value of ≥36 ie a low slip risk

All

Surestep Laguna Safestep Aqua Surestep Laguna (B) Safestep Aqua (C)

All Suresteps R10 Safestep R11 Safestep R12 Safestep Aqua R10

Forbo has created **a unique compact product offer**, which complies with all relevant safety flooring standards.

HSE Compliance – Wet Pendulum test – ≥36

All Step floors are tested using the TRRL Pendulum test, the preferred test method of the HSE which is used to assess the slip resistance of a floor surface. Floors can be tested with different rubber sliders to assess either footwear or barefoot use. Using this test, a Pendulum test value (PTV) of 36 or higher is considered to offer a low slip risk. Surestep and Safestep R11 and R12 products offer wet Pendulum test values of ≥36 for footwear applications. In addition, Surestep Laguna and Safestep Aqua offer wet Pendulum test values of ≥36 for barefoot use areas. Forbo Step complies with EN 13845 due to the use of slip resistant particles throughout the wear layer of the product. This standard specifies the requirements that must be met to ensure durable slip resistance throughout the guaranteed life of the product.

Floors are often evaluated for slip resistance by using the "R" scale, which is linked to the DIN 51130 standard. In simple terms, the angle of a ramp covered with the floor covering and lubricated with oil is increased until the person walking down it slips. The tested floor covering is given an "R" rating based on the angle at which the tester slips. The scale starts at R9 (the lowest slip resistance class) and runs to R13 (the highest slip resistance class). Step products offer classifications from R10 to R12, a comprehensive range of products.

For products used in barefoot areas, DIN 51097 applies. The test method is similar to DIN 51130, but for this test, the surface is covered with a 'soap and water' solution which is more relevant to barefoot applications. The Step range offers unique solutions up to the highest class in barefoot safety performance.

By choosing the correct Step safety flooring for the relevant application, the potential for accidents caused by slipping can be reduced significantly.

Your steps; Sure and Safe



Surestep

Sustainable slip resistance: these products are all applicable for general walking areas where there is an increased slip risk. Surestep is the optimum combination of slip resistance and ease of maintenance.

Collections: Original, Star, Wood, Stone, Mineral and Texture.

Performance – Pendulum test value (wet test) \geq 36; Rz - \geq 20; EN13845 class ESf; DIN51130 - R10.

Safestep

Products in this category are ideal for use in areas where a high slip risk has been identified because of continuous contamination of the floor. In these areas it is simply not possible to prevent spillage, due to the type of work being conducted. The intensity of use defines the product to choose.

Collections: Safestep R11, Safestep R12.

Performance - Pendulum test value (wet test) \geq 40; Rz - \geq 20; EN13845 class ESf; DIN51130 - R11/R12.

Wetroom

Wetroom floor products 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.

Collections: Safestep Aqua, Surestep Laguna.

Performance - Surestep Laguna – Pendulum test value (wet test Barefoot and footwear) ≥36; Rz - ≥20; EN13845 class ESf and ESb; DIN51097 Class B; DIN51130 – R10.

Performance - Safestep Aqua – Pendulum test value (wet test Barefoot) ≥36; Rz - ≥20; EN13845 class ESb; DIN51097 class C; DIN51130 – R10

step safety vinyl

What to use where

Forbo's new Step safety flooring collection provides a complete range of products designed to meet safety demands across a wide range of applications. All products in the Step collection meet Health and Safety Executive (HSE) and European Standard requirements.



surestep[®]_{R10}

safestep[®]_{R11}

safestep[®]_{R12}

General and spillage areas with increased (a higher) slip risk

- Typical areas:
- High traffic areas, ramps or corridors
- Tea and coffee points
- General workrooms
- Service areas
- Kitchens, dining rooms to 'Food servery areas'

Areas with increased slip risk due to continuous contamination

- Typical areas:
- Professional kitchen
- Florist shop
- Laundry

Light industrial

Typical areas:

- Light industrial food production
- Wood working rooms and other workshops
- Store rooms

Wetroom areas, mainly barefoot but also accessed by footwear

Typical areas:

- Continuously wet areas, mainly barefoot but also footwear
- Changing rooms in combination with footwear
- Bathrooms in combination with footwear

surestep[®]laguna



Showers, swimming pool areas

Typical areas:

- Continuously wet areas, barefoot and soft shoes
- Walk in showers
- Hydrotherapy areas
- Indoor swimming pool

surestep[®]original

Surestep Original

The fresher alternative to the conventional safety flooring visual, with an improved cleaner visual. A palette of 24 colours combines gradations of hue and lightness.

Avaialable in 24 colours.

R10, ESf, TRRL≥36, Rz≥20.

Surestep Star

Innovative, muted and sophisticated. The contemporary tones offer hints of grey and a unique aesthetic. Surestep Star offers a brighter visual with holographic particles colour matched to the terazzo or natural base colour of each item.

Available in 13 colours.

R10, ESf, TRRL≥36, Rz≥20.



171422 trout LRV 53.0 171032 smoke LRV 47.0 171442 jade







171562 pepper LRV 10.0 171512 oyster LRV 49.0 171222 dune LRV 47.0 171532 sun LRV 49.0



171602 plum LRV 9.0 171332 violet LRV 39.0



171642 cloudy LRV 21.0

171132 bianco LRV 69.0 171362 clay LRV 47.0

171442 jade LRV 30.0 171282 dragon LRV 10.0

171262 umber LRV 19.0



171732 storm LRV 22.0 171962 steel LRV 11.0 171992 charcoal LRV 6.0 171782 night LRV 7.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

surestep[®]star





176082 snow | 176072 pewter





176982 carbon LR V 8.0 176282 dragon LRV 11.0 176952 mercury LRV 14.0 176412 forest

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



LRV 75.0



176032 smoke LRV 47.0 176422 trout LRV 54.0





176072 pewter



176262 umber LRV 19.0





LRV 22.0





surestep

wood | stone | mineral | texture

Surestep Wood

Realistic natural designs provide a warm ambience to all areas. The Surestep wood palette contains both our most popular best selling colours alongside new abstract woods and all-over designs. All the wood designs have a clear and sharp visual due the use of the almost invisible 'Step Crystals', which also guarantee lifetime slip resistance.

Available in 12 colourways.

Four of the Step wood colourways are also available as Surestep Wood Decibel which offers 17dB acoustic performance along with multiple roll width options (see page 111 for details).

R10, ESf, TRRL≥36, Rz≥20.

Surestep Stone

Stone designs with a modern look for contemporary areas. The range offers both concrete designs, black and white granite and all-over effects. With colours ranging from light to dark, all Surestep stone colours are enriched by either carborundum particles or Step Crystals.

Available in 8 colours.

R10, ESf, TRRL≥36, Rz≥20.

Surestep Mineral

A decorative mineral design which even though the pattern is small, complements both small and large areas. A unique style where the chips in the transparent wear layer create depth and add refinement.

Available in 5 colours.

Surestep Texture

A contemporary design with a textile appearance for a soft and elegant look & feel. A textured embossing enhances the finish and all-over aesthetic of the product. The use of Step crystals ensures that the style is not compromised while ensuring safety floor functionality.

Available in 5 colours.

R10, ESf, TRRL≥36, Rz≥20.







18662 pear

18802 elegant oak



17092 white stone



18552 natural seagrass





18942 natural oak

18942 natural oak*



18362 chestnut LRV 22.0 S62488 white sand

89922 cloud

89022 cotton



LRV 40.0

89932 sepia LRV 23.0 17142 warm concrete

89082 felt





89032 linen





18932 rustic oak* LRV 18.0 18792 dark oak LRV 12.0 18562 grey seagrass

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.









89952 grape LRV 14.0







17112 sand concrete





17122 cool concrete









17172 black concrete

LRV 8.0

safestep[®]R11 safestep[®]R12

Safestep R11

Designed specifically to match the areas where a high level of slip resistance is needed such as professional kitchens. All R11 colours can be co-ordinated with products in the Surestep collection. As with Surestep, use of the Step crystals provides a warmer and cleaner appearance whilst maintaining a high slip resistance and ease of maintenance.

Available in 8 colours.

R11, ESf, TRRL≥40, Rz≥45.

Safestep R12

A range of 4 colours, matching the requirements of light industrial areas. The 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.

Available in 4 colours.

R12, ESf, TRRL≥50, Rz≥60.







174262 umber





174952 elephant LRV 19.0



174992 charcoal





safestep[®]R12



175032 smoke

LRV 45.0 175032 smoke











175962 stee



175992 charcoal LRV 7.0

LRV 11.0

safestep[®]aqua

Innovation in wetroom flooring. Safestep Aqua and Laguna combine functionality with beautiful design. Both products are available in a fresh, contemporary palette suitable for the appropriate applications.

Surestep Laguna

This product combines barefoot and footwear slip resistance, for areas where both are likely and frequently will take place. Complying to the relevant norms for the application, Laguna is suitable for use in transition areas such as changing rooms and circulation areas. The subtle, soil hiding particle is integrated in the visual, offering a clean and fresh look. Suitable for wheelchair use.

Available in 12 colours.

Class B, R10, ESf + ESb, TRRL≥36, Rz≥20.

Safestep Aqua

This modern, organic design with a new and unique embossing shape is designed for barefoot (and soft soled shoes) areas. A flexible product, that can easily be installed to meet the specific requirements of the wetroom sector. The clean and modern collection meets the hygienic and aesthetic requirements of the application areas such as bathrooms and swimming pool areas. Suitable for wheelchair use.

Class C, R10, ESb, TRRL≥36, Rz≥20.





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

surestep[®]laguna





LRV 63.0

LRV 29.0



181232 taupe

LRV 23.0





181052 slateblue LRV 29.0

181322 jade

LRV 29.0

181092 elefant LRV 18.0





181352 steel LRV 11.0 181122 charcoal LRV 5.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Sarlon[®] acoustic vinyl

Achieving lower noise pollution is essential to reducing stress and promoting the well-being, comfort and efficiency of people working or learning. Uniquely with Forbo, in a single comprehensive collection of acoustic project vinyl floor coverings, you will find the broadest range dedicated to achieve a complete acoustic flooring solution for any application. From open plan offices, shops and schools to social housing, hospitals and reception halls.

Forbo's acoustic project vinyl collection is the result of more than 30 years of acoustic experience and specific industry knowledge which enables us to deliver the 'best in class' acoustic vinyl flooring with superior technical and performance specifications. Each product range in this new Sarlon collection offers truly unique solutions combining the maximum acoustic benefit with often little or no compromise on indentation. Therefore specifiers now have a choice rather than a compromise. With a choice of 14 ranges and a total of 118 colours and designs, the Sarlon collection from Forbo is the most comprehensive collection of its kind.



Impact sound reduction

Impact sound made on the floor in one room is transmitted through the floor into rooms below.

To measure the impact sound reduction achieved by a floor covering, impact noise is generated with a hammer machine directly onto the concrete floor slab in an emission room and the sound level (S1) is recorded in the reception room below.

(S2) is recorded. The impact sound reduction (EN ISO 717-2) is the difference, measured in decibels, between the two sound levels recorded. The impact sound reduction of Forbo's acoustic project vinyl ranges from 15 to 19 dB.

In-room impact noise

Airborne sound inside a room – ambient noise – is generated by impact noise in the room itself.

To measure in-room impact noise, noise pressure is measured inside the room where the impact sound is generated, according to the standard NF-S 31-074. The measurements are classified into various categories, with Class A defining the bestperforming floor coverings. All Forbo's acoustic project vinyl collections are in Class A.

Adapt the floor covering to the building

The thickness of the concrete slab on which the acoustic floor coverings are fitted determines the minimum acoustic rating necessary for the floor covering to achieve the desired acoustic performance. Forbo offers a wide choice of acoustic vinyl floor coverings in one collection for all types of subfloors.





| | coustic Vinyl – PVC floor covering with a foam layer (EN651) | | | | | | | | |
|-----------------------------|--|--------|----------|------------------------|---------------------|-----------------|--|--|--|
| Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | 1999 Results | | | |
| A | A+ | A+ | A | A+ | A+ | | | | |

- The floor covering is then placed on the concrete slab. The same impact noise is made on the floor covering, and the new sound level

| CLASS | LEVEL Ln,e,w IN dB | Floor covering |
|-------|--------------------|---|
| A | Ln,e,w < 65 | cushion vinylsacoustic project vinyls |
| В | 65 ≤Ln,e,w < 75 | resilient floor coverings, compact project vinyls |
| С | 75 ≤ Ln,e,w < 85 | hard floor (laminates, wood, stone) |
| D | 85 ≤ Ln,e,w | hard floor floating installation |

In-room impact noise (NF-S 31-074)

sarlon[®] canyon



sarlon[®] pepper







| Please note: Digital representations may vary from the actual product | . Please order a sample to see the full effect. Contact 0800 731 2369. |
|---|--|



*Also available in Canyon Compact 2mm









432205 yellow



432226 fuchsia

432266 red





432228 green



432207 grey blue



432211 light grey (43C2211*)

432227 medium blue (43C2227*)



432214 taupe (43C2214*)

432201 linen (43C2201*)

432200 ivory (43C2200*)



432229 anthracite

432209 medium arev (43C2209*

432244 chocolate

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

432218 light green





LRV 8.0

LRV 11.0

sarlon[®]nuance



sarlon[®]linen





Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





17 dB

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

sarlon[®]wood range





Whether the room is colourful or has a more natural feel, this range will fit right in to create A natural wood effect is always a popular choice. Sarlon Wood Medium Classic is no exception. As if it came straight from the forest, it gives any surroundings a natural, warm and welcoming feel.



sarlon[®]wood small classic

The natural colours of Sarlon Wood Small Classic bring nature indoors. If you're looking to create a bright, clean and uncomplicated look and feel, this warm and welcoming design is ideal.

sarion[®] wood XL modern



```
LRV 44.0 436214 golden
                                              LRV 35.0 436233 honey
                                                                             LRV 26.0 436234 medium LRV 24.0
Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.
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LRV 26.0

436334 medium oak LRV 20.0

436394 dark

LRV 12.0

This graphic is intended to show the size of the plank design within the sheet.

436383 natural

436213 natural

LRV 32.0

436393 liaht

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





LRV 24.0 438422 carbon



LRV 16.0 438423 ecru

LRV 17.0 438429 ebony

LRV 10.0

sarlon[®] cristal











sarlon[®]concrete



Sarlon Concrete is designed to bring out earth and mineral tones for a more modern office, conference or educational environment. Understated and stylish, but still durable, this contemporary range enhances smooth clean lines.

sarlon[®] topography



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

433712 storm



430899 black

433910 white

LRV 38.0

sarlon[®]code zero sarlon[®]uni





A. A. B. D. D. D. B. a which have a 433229 dark grey 433211 grey beige LRV 44.0 433247 purple 433219 medium grey LRV 18.0 433214 taupe LRV 19.0 LRV 11.0 433224 chocolate I RV 10.0 LRV 13.0 430814 taupe 430811 grey beige LRV 44.0 430819 medium grey LRV 17.0 LRV 19.0 430829 dark grey LRV 12.0 430824 chocolate LRV 10.0 430847 purple LRV 14.0 LRV 28.0 433236 red 433217 blue 433248 turquoise LRV 22.0 433208 lime LRV 42.0 433205 yellow LRV 50.0 LRV 16.0 LRV 16.0 433226 orange 430817 blue LRV 16.0 430848 turquoise LRV 23.0 430808 lime LRV 46.0 430805 yellow LRV 51.0 430826 orange LRV 28.0 430836 red LRV 17.0

surestep[®]wood decibel













 4m 71892 natural oak
 LRV 31.0
 4m 71891 rustic oak
 LRV 19.0
 4m 71872 warm teak
 LRV 14.0
 4m 72218 oak
 LRV 21.0

 3m 718923 | 2m 718922
 3m 718913 | 2m 718912
 3m 718723 | 2m 718722
 3m 722183 | 2m 722182
 3m 722183 | 2m 722182
 Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.





4m 71816 red cherry LRV 22.0 3m 718163 | 2m 718162





 4m 73337 golden oak LRV 24.0
 4m 77406 light oak LRV 32.0

 3m 733373 | 2m 733372
 3m 73337 | 2m 73337



4m 72219 washed brown LRV 10.0 3m 722193 | 2m 722192





4m 77797 real oak LRV 25.0 3m 77797 | 2m77797

COLOTEX[®] Static control flooring



The 8 benefits of Colorex[®]

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

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





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.

BREEAM ratings

| Building Type Commercial | Education | Health | Domestic | Retail (Durability) | Retail (Fashion) | 1999 Results |
|-----------------------------|-----------|--------|----------|------------------------|---------------------|-----------------|
| A | A+ | A+ | A | A+ | A+ | - |



ESD flooring



Cleanroom flooring



Health care flooring



Industrial flooring

The **Colorex**[®] *collection*

Colorex EC permanently conductive

Colorex SD permanently static dissipative

Colorex Basic static resistant (available on request only)





Colorex[®] plus (loose lay tile ranges)

Colorex EC plus permanently conductive

Colorex SD plus (available on request only) permanently static dissipative

Colorex Basic static resistant

Colorex R11 plus slip resistant





| | Colorex EC | Colorex EC plus loose lay tile |
|------------------------------------|---|--|
| unctionality | Permanently conductive | Permanently conductive |
| Description | Permanently conductive floor, connection between tiles through conductive adhesive and connected to earth through copper strip. Compliant to IEC 61340-4-5 with appropriate ESD shoes | Permanently conductive floor, connection between tiles through dovetails and corn to earth with copper strip. Compliant to 61340-4-5 with approriate ESD shoes |
| Application area | ESD facilities, cleanrooms, pharmaceutical laboratories, production sites and operating theatres. | Renovation of ESD facilities, cleanrooms, pharmaceutical laboratories and produc sites. Suitable when down time, damp fl poor sub floors are an issue |
| | Perfoi | rmance |
| | Colorex SD | Colorex SD plus loose lay tile (on reque |
| Functionality | Permanently static dissipative | Permanently static dissipative |
| Description | Permanently static dissipative floor, connection between tiles through conductive adhesive and connected to earth through copper strip. | Permanently static dissipative floor, conn between tiles through dovetails and conr to earth with copper strip. |
| Application area | New build laboratories, clean rooms, pharmaceutical laboratories, production sites | Renovation of laboratories, clean roon pharmaceutical laboratories and prod |
| | and operating theatres. | |
| | and operating theatres. | sites. Suitable when down time, damp |
| | and operating theatres. | sites. Suitable when down time, damp or poor sub floors are an issue |
| Functionality | and operating theatres. | sites. Suitable when down time, damp or poor sub floors are an issue |
| Functionality Description | and operating theatres. Star Colorex Basic (on request only) | sites. Suitable when down time, damp or poor sub floors are an issue Idard Colorex Basic plus loose lay tile Resistant / repairable Excellent chemical resistance. Floor ca |
| | and operating theatres. Star Colorex Basic (on request only) Resistant / repairable Excellent chemical resistance. Floor can | sites. Suitable when down time, damp or poor sub floors are an issue Colorex Basic plus loose lay tile Resistant / repairable Excellent chemical resistance. Floor ca be repaired in case of heavy damages Shops, stores, warehouses. Areas with high traffic needing daily intensiv |
| Description | and operating theatres. Star Colorex Basic (on request only) Resistant / repairable Excellent chemical resistance. Floor can be repaired in case of heavy damages. Shops, stores, warehouses. Areas with high traffic needing daily intensive | sites. Suitable when down time, damp or poor sub floors are an issue Colorex Basic plus loose lay tile Resistant / repairable Excellent chemical resistance. Floor car be repaired in case of heavy damages. Shops, stores, warehouses. Areas with high traffic needing daily intensiv cleaning. Suitable when down time, da |
| Description | and operating theatres. Star Colorex Basic (on request only) Resistant / repairable Excellent chemical resistance. Floor can be repaired in case of heavy damages. Shops, stores, warehouses. Areas with high traffic needing daily intensive | sites. Suitable when down time, damp or poor sub floors are an issue Colorex Basic plus loose lay tile Resistant / repairable Excellent chemical resistance. Floor car be repaired in case of heavy damages. Shops, stores, warehouses. Areas with high traffic needing daily intensiv cleaning. Suitable when down time, d floors or poor sub floors are an issue |
| Description Application area | and operating theatres. Star Colorex Basic (on request only) Resistant / repairable Excellent chemical resistance. Floor can be repaired in case of heavy damages. Shops, stores, warehouses. Areas with high traffic needing daily intensive | sites. Suitable when down time, damp or poor sub floors are an issue Colorex Basic plus loose lay tile Resistant / repairable Excellent chemical resistance. Floor ca be repaired in case of heavy damages Shops, stores, warehouses. Areas with high traffic needing daily intensiv cleaning. Suitable when down time, d floors or poor sub floors are an issue R11 plus loose lay tile |

The repairable surface

Deep scratches, holes, burns or other surface damage can be easily and effectively repaired, without leaving any visible trace or affecting the original characteristics of the floor. This genuine, 100% repairable surface is unique to Colorex and something that no other flooring system can promise.

Invisible repairs

Deep scratches and other serious damage can be repaired by hot welding. A small strip of Colorex of the same colour should be welded directly into the damage using a hand welding machine. After the excess material has been trimmed off, the repaired spot can be restored to a good-as-new condition by sanding and dry polishing.

- Unique 100% repairable surface
- Scratches or serious damage can be solved
- It will be restored to a good-as-new condition

Repair

Problem: Deep and long scratches, holes and burns Advantage: Invisible repairs without damaging the initial characteristics of the product Reason: Perfect homogenous product with low plasticiser content

Maintenance

Surface damage such as burns or discoloration from chemicals can be removed by sanding with a conventional eccentric sander. Use a sand paper grade of 80 to start with and thereafter grades of up to 240. After sanding, the surface can be restored to its original quality and appearance by dry polishing with a red pad.

- Easy sanding with conventional equipment
- Restore to its original quality and appearance by simply polishing

Abrasive cleaning

Problem: Surface damage like burns, abrasion or staining Advantage: Abrasive cleaning possible Reason: Thanks to a compact high pressure pressed surface a PUR treatment is not necessary









Sanding and

dry polishing





Polishing

Damage

Sanding

The **Colorex**[®] collection





SD 150205 | EC 250205 LRV 53.0 SD 150221 | EC 250221 LRV 55.0 SD 150225 | EC 250225 FC plus 621005 Basic plus 611005







LRV 69.0 SD 150203 EC 250203

SD 150206 EC 250206 LRV 52.0

EC plus 621022 Basic plus 611022 atlantic

SD 150222 EC 250222

pacific



SD 150202 EC 250202 LRV 71.0

LRV 61.0

LRV 31.0 SD 150223 EC 250223 LRV 28.0 SD 150236 EC 250236



granite

SD 150208 | EC 250208 LRV 11.0 SD 150224 EC 250224

Signal fuego

SD 150204 | EC 250204

EC plus 621004 Basic plus 611004





SD 150233

LRV 18.0 SD 150235

LRV 20.0 SD 150237





116





SD 150240 | EC 250240

sahara

LRV 6.0



kiwi



SD 150213 | EC 250213 LRV 56.0

EC plus 621013 Basic plus 611013 LRV 51.0





oasis



LRV 44.0 SD 150215 EC 250215

LRV 55.0





musk

LRV 20.0 SD 150232 EC 250232

jade



assuan

LRV 36.0 SD 150219 EC 250219

LRV 47.0

lux



LRV 48.0 SD 150212 EC 250212

LRV 63.0

R11 plus









LRV 48.0 601060

Maps (A-Z, Vintage, Arial)

other vinyl – digitally printed vinyl



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Photography (Creative partner: George Steinmetz, National Geographic)



Abstract (Creative partner: Gaby Gaby, Dutch designer & artist)



Illustration (Circuit board vector designed for server room)



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Bespoke (Millennium Bridge temporary installation)

Project vinyl technical specifications

eternal

Technical specifications

Eternal meets the requirements of ISO 10582 and EN 649

| | Total thickness | ISO 24346 / EN 428 |
|-------------------|-----------------------------|----------------------|
| ۰ ۲ | Thickness wear layer | ISO 24340 / EN 429 |
| | Collection size | |
| Ш Ш. | Commercial use | ISO 10874 / EN 685 |
| | Industrial use | ISO 10874 / EN 685 |
| Ţ. | Roll width | ISO 24341 / EN 426 |
| ₩ | Roll length | ISO 24341 / EN 426 |
| ß | Total weight | ISO 23997 / EN 430 |
| 『 スコ と メ | Dimension stability | ISO 23999 / EN 434 |
| ° | Residual indentation | ISO 24343-1 / EN 433 |
| | Abrasion resistance | EN 660-2 |
| 6 | Castor chair continuous use | ISO 4918 / EN 425 |
| R | Light fastness | ISO 105 B-02 |
| 52 | Flexibility | ISO 24344 / EN 435 |
| \$ 0 | Resistance to chemicals | ISO 26787 / EN 423 |
| 25 | Slip resistance | DIN 51130 |
| - <u></u> | Electrical resistance | EN 1081 |
| 333 | Suitable for floor heating | |
| | Wetroom certification | EN 13553 |
| | | |

All Eternal products meet the requirements of EN 14041

| Bma1 | Reaction to fire | EN 13501-1 | B _n -s ₁ |
|------|----------------------|------------|--------------------------------|
| SCA. | Slip resistance | EN 13893 | DS: ≥ 0.30 |
| Ą | Body voltage | EN 1815 | ≤ 2kV |
| H | Thermal conductivity | EN 12524 | 0.25 W/m·K |

*Temperature < 30°C

Recommended adhesives

Our recommended adhesive for standard Project Vinyl installations is 540 Eurosafe special.

Service products

As a total flooring solutions provider, Forbo offers a collection of products to complement the installation, finishing and maintenance of our products. An optimal assortment of adhesives, levelling compounds, primers, welding rods, subfloors and installation tools can be offered. To give the floor the finishing touch, we provide a collection of skirtings, profiles and stair nosings.

To ensure the floor remains in good condition in all circumstances, we also offer cleaning and maintenance products and entrance mats.

For more information please contact your sales office or visit **www.forbo-flooring.co.uk**

The above information is subject to modifications for the benefit of further improvements.

| 2.0 mm |
|-----------------------|
| 0.7 mm |
| 113 |
| Class 34 very heavy |
| Class 43 heavy |
| 2.0 m |
| ± 25 m |
| 2.8 kg/m ² |
| < 0.10% |
| ≤ 0.05 mm |
| Group T |
| No effect |
| ≥6 |
| ø 10 mm |
| Very good |
| R10 |
| $R1 > 1.10^9 \Omega$ |
| Yes* |
| Yes |
| |



Technical specifications

Allura vinyl tiles meet the requirements of EN-ISO 10582

allura

Allura flex meets the requirements of EN-ISO 10582 - Type 1

| _ | | | Allura 0.70 | Allura 0.55 | Allura Premium | Allura Form |
|---|---|-------------------|--|--|---|---|
| É | Total thickness | EN-ISO 24346 | 2.5 mm | 2.2 mm | 2.5 mm | 2.5 mm |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Commercial use | EN-ISO 10874 | 34 very heavy | 33 heavy | 34 very heavy | 34 very heavy |
| 1 🗥 | Industrial use | EN-ISO 10874 | 43 heavy | 42 general | 43 heavy | 43 heavy |
| | Collection size | | 90 | 90 | 17 | 20 |
| Ě | Wearlayer thickness | EN-ISO 24340 | 0.7 mm | 0.55 mm | 0.7 mm | 0.7 mm |
| | Tile size | EN-ISO 24342 | 50 x 50 cm 75 x 50 cm | 50 x 50 cm 75 x 50 cm | 50 x 50 cm 75 x 50 cm 100 x 100 cm | Triangle - all sides 50 cm Square - 25 x 25 cm Diamond - all sides 34.6 cm Stone Dimensions - 25 x 25 cm, 50 x 50cm, 100 x 100 cm |
| | Plank size | EN-ISO 24342 | 100 x 15 / 120 x 20 / 100 x 25 / 150 x 28 cm | 100 x 15 / 120 x 20 / 100 x 25 / 150 x 28 cm | 100 x 15 / 120 x 20 / 100 x 25 / 150 x 28 cm / 50 x 15 cm | Oak XL - 150 x 28 cm / 150 x 14 cm / 150 x 7 cm |
| ß | Total weight | ISO 23997 | ca 3600 g/m ² | ca 3150 g/m² | ca 3600 gr/m ² | ca 3600 g/m ² |
| | Packaging per carton tiles | | 3.0 m ² (12pcs) 3.75 m ² (10pcs) | 3.0 m ² (12pcs) 3.75 m ² (10pcs) | 3.0 m ² (12pcs) 3.75 m ² (10pcs) on pallet | Triangle - 2.15m ² (20pcs) Square - 2m ² (32pcs) Diamond - 2.48m ² (24pcs) Stone Dimensions - 50m ² (50pcs on a pallet) / 3m ² (12pcs) / 1m ² (1piece) |
| | Packaging per carton planks | | 3.0 m ² (20pcs) 2.9 m ² (12pcs) 3.0 m ² (12pcs) 4.2 m ² (10pcs) | 3.0 m ² (20pcs) 2.9 m ² (12pcs) 3.0 m ² (12pcs) 4.2 m ² (10pcs) | 3.0 m ² (20pcs) 2.9 m ² (12pcs) 3.0m ² (12 pcs) / 4.2m ² (10 pcs) 3.0m ² (40 pcs) | Oak XL - 4.2m ² (10pcs) 2.52m ² (12/24pcs) tiles |
| | 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 |
| H | Abrasion resistance | EN 660-2 | Group T | Group T | Group T | Group T |
| ° 25 | Slip resistance | DIN 51130 | R10 | R10 | R10 | R10 |
| ٩ | Acoustical impact noise reduction | EN-ISO 717-2 | 6 dB | 5 dB | 6 dB | 6 dB |
| 6 | Castor chair continuous use | ISO 4918/EN 425 | Superior | Very good | Superior | Superior |
| Ţ | Residual indentation | ISO 24343-1 | ≤ 0.04 mm | ≤ 0.04 mm | ≤ 0.04 mm | ≤ 0.04 mm |
| R | Light fastness | ISO 105-B02 | ≥6 | ≥6 | ≥6 | ≥6 |
| | VOC emissions | AgBB/DIBT | Suitable for indoor applications | Suitable for indoor applications | Suitable for indoor applications | Suitable for indoor applications |
| \$O | Resistance to chemicals | EN-ISO 26987 | Superior | Very good | Very good | Very good |
| רא רא | Dimensional stability (after exp. to heat) | EN-ISO 23999 | ≤ 0.05% | ≤ 0.05% | ≤ 0.05% | ≤ 0.05% |
| H | Heat dissipation | DIN 52614 | W1 36 KJ/m ³ / W10 240 KJ/m ³ | W1 44 KJ/m ³ / W10 270 KJ/m ³ | W1 36 KJ/m ³ / W10 240 KJ/m ³ | W1 36 KJ/m ³ / W10 240 KJ/m ³ |
| | All Allura products meet th | ne requirements o | f EN 14041 | | | CE EN 1404 ⁻ |
| Bars1 | Reaction to fire | EN 13501 | B _{fl} -s1 | B _f -s1 | B _{fl} -s1 | B _{fl} -s1 |
| (ve) | Slip resistance | EN 13893 | DS - μ > 0.30 | DS - μ > 0.30 | DS - μ > 0.30 | DS - μ > 0.30 |

Technical specifications

| | | | Allura Flex | |
|---------------|---|----------------------------------|--|-----------------------|
| | Total thickness | EN-ISO 24346 | 5.0 mm | |
| | Commercial use | EN-ISO 10874 | 34 very heavy | |
| m n (m n) | Industrial use | EN-ISO 10874 | 43 heavy | |
| | Collection size | | 36 | |
| | Wearlayer thickness | EN-ISO 24340 | 1.0 mm | |
| Ð | Tile size Plank size | EN-ISO 24342 | 50 x 50 cm 75 x 50 cm | |
| | Plank size | EN-ISO 24342 | 100 x 20 cm 120 x 20 cm | |
| R | Total weight | EN-ISO 23997 | ca 6550 g/m² | |
| | Packaging per carton: tiles | | 50 x 50: 2.5 m ² = 10 pcs 75 x 50: 2.25 m ² = 6 pcs | |
| | Packaging per carton: planks | | 100 x 20: 2.0 m ² = 10 pcs 120 x 20: 2.4 m ² = 10 pcs | |
| | Squareness and straightness | EN-ISO 24342 | ≤ 400 mm ≤ 0.25 mm ≥ 400 mm ≤ 0.35 mm | |
| 26 | Slip resistance | DIN 51130 | R10 | |
| | Acoustical impact noise reduction | EN ISO 717-2 | 14 dB | |
| S | Castor chair continuous use | EN 425 | No effect | |
| °∰ | Residual indentation | EN-ISO 24343-1 / EN 433 | ≤ 0.12 mm | |
| 32 | Light fastness | EN-ISO 105-B02 | ≥6 | |
| | Resistance to chemicals | EN-ISO 26987 | Very good | |
| ר א' צ צ | Dimensional stability | EN-ISO 23999 | < 0.02% | |
| 333 | Heat resistant | EN 12664 | 0.02 m²K/W | |
| | Heat dissipation | DIN 52614 | W1: 37/W10: 230 | |
| | Installation method | This varies by colourway. Please | visit www.forbo-flooring.co.uk/alluraflex | |
| | Allura flex meets the requirements of E | N 14041 | | CE EN 14041 |
| ° ∕∕∕ B⊯=1 | Reaction to fire | EN 13501-1 | B _n -s1 | |
| - 24 P | Slip resistance | EN 13893 | D5: ≥ 0.30 | |
| _ | | | | |

| Carlo Birs1 | Reaction to fire | EN 13501-1 |
|----------------|----------------------|------------|
| 929 DS | Slip resistance | EN 13893 |
| ▦ | Thermal conductivity | EN 12524 |
| Ą | Body voltage | EN 1815 |

Recommended adhesives

Our recommended adhesive for loose lay vinyl tiles is 542 Eurofix Tack Plus.

Recommended adhesives

Hermal conductivity

Body voltage

For standard installations Eurocol 540 Eurosafe special is recommended, however, if a low emission EC1 adhesive is required, Eurocol 640 Eurostar Special may be used.

0.25 W/mK

< 2 kV

EN 12524

EN 1815

0.25 W/mK

< 2 kV

Technical specifications

| | Total thickness | EN 649 | 2 mm |
|----------------|---|-------------------------|--|
| \blacksquare | Collection size | | 29 |
| | Commercial use | EN 685 | Class 34 very heavy |
| | Industrial use | EN 685 | Class 43 |
| \bigoplus | Tile size | EN 427 | 610 x 610 mm |
| ß | Total weight | EN 430 | 3.0 kg/m ² |
| ٢ | Acoustical impact noise reduction | EN ISO 717-2 | 12 dB |
| خ | Residual indentation | EN 433 | 0.035 mm |
| H | Abrasion resistance | EN 660-1 | Group M |
| 6 | Castor chair continuous use | EN 425 | No effect |
| R | Light fastness | EN ISO 105-B02 method 3 | 7-8 |
| | Resistance to chemicals | EN 423 | Excellent (details available upon request) |
| רא רא | Dimensional stability | EN 434 | 0.5 % lengthwise/crosswise |
| 2 Z | Slip resistance | EN 13893-dry surfaces | 0.6 |
| | | DIN 51130 | R9 |
| ۲ | Bacteriostatic and fungicidal behaviour | SNV 195 920 | Yes |
| | | SNV 195 921 | Yes |
| R s1 | Resistant to fire | EN 13501-1 | B _{rī} -s1 |
| | Thermal conductivity | ISO 5085-1 | 0.007 m ² K/W (suitable for floor heating systems) |

The above information is subject to modifications for the benefit of further improvements.

Recommended adhesives

Our recommended adhesive for Colorex Concept is Eurosafe Special 540.

colorex[®]

Technical specifications

Colorex meets the requirements of EN 649

| | | | Colorex SD | Colorex EC | Colorex EC Plus | Colorex Basic Plus | R11 Plus |
|----------------------|---|---|-------------------------------|--|--|------------------------------|------------------------|
| E | CE marking | EN 14041 | Compliant | 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 | 10.5 mm |
| \bigoplus | Tile size | EN 427 | 615x615 mm 615x1230 mm* | 615x615 mm 615x1230 mm* | 608x608 mm | 608x608 mm | 608x608 mm |
| Ϊļĥ | Commercial very heavy | ISO 10874 / EN 685 | 34 | 34 | 34 | 34 | 34 |
| Щů. | Industrial heavy | ISO 10874 / EN 685 | 43 | 43 | 43 | 43 | 43 |
| - <u>77</u> 61040 | Electrical resistance | IEC 61340-4-1 EN 1081 (100V) ANSI/ESD 7.1 | $10^6 \le R \le 10^8 \Omega$ | $5 \text{ x } 10^4 \leq R \leq 10^6 \Omega$ | $2.5 \text{ x } 10^4 \le R \le 10^6$ | n.a. | n.a. |
| \$ <u>7</u> <1010 | Electrical resistance in combination with ESD Shoes | IEC 61340-4-5 ESD STM 97.1 | n.a. | $R < 3.5 \times 10^{7} \Omega$ | $R < 3.5 \times 10^7 \Omega$ | n.a. | n.a. |
| | Outgassing | IDEMA M11-99 | total < 1 µg/cm ² | total < 1 µg/cm ² | total < 2 µg/cm ² | total < 2 μg/cm ² | n.a. |
| | Total TVOC 28 days Total TSVOS 28 days | AgBB guidelines | < 1 mg/m³ < 0.1 mg/m³ | < 1 mg/m ³ < 0.1 mg/m ³ | < 1 mg/m³ < 0.1 mg/m³ | < 1 mg/m³ < 0.1 mg/m³ | n.a. |
| • | Bacteriostatic | SNV 195 920 | Pass | Pass | Pass | Pass | n.a. |
| ÷0 | Chemical resistance | ISO 26787 / EN 423 | Excellent | Excellent | Excellent | Excellent | Excellent |
| 25 | Slip resistance | DIN 51130 | R9 | R9 | R9 | R9 | R11 |
| ŝ | Total weight | ISO 23997 / EN 430 | 3.2 kg/m ² | 3.2 kg/m ² | 12.4 kg/m ² | 12.4 kg/m² | 11.4 kg/m ² |
| кл КУ | Dimensional stability | ISO 23999 / EN 434 | 0.05% | 0.05% | n.a. | n.a. | n.a. |
| | Thermal dilatation coefficient | | n.a. | n.a. | 0.11 mm/m°C | 0.11 mm/m°C | 0.11 mm/m°C |
| Ţ | Residual indentation | ISO 24343-1/EN 433 | 0.035 mm | 0.035 mm | n.a. | n.a. | n.a. |
| | Resistance to loads (performance may vary, subject to local conditions) | | n.a. | n.a. | 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 ² - dynamic loads: 90 kg/cm ² | | |
| H | Abrasion resistance | EN 660-2 | Group M | Group M | Group M | Group M | n.a. |
| 6 | Castor chair continuous use | ISO 4918 / EN 425 | no effect | no effect | no effect | no effect | n.a. |
| 3 | Light fastness | EN ISO 105 B02 | ≥6 | ≥6 | ≥6 | ≥ 6 | n.a. |
| : | Impact sound reduction | EN ISO 140-8 | 2 dB | 2 dB | 12 dB | 12 dB | 12 dB |
| _ | All Colorex products meet the re | equirements of EN 1404 | 11 | | | | EN |
| | Body voltage generation, with appropriate ESD shoes | IEC 61340-4-5 ESD STM97.2 EN 1815 | 40 V | 20 V | 20 V | < 2 kV | < 2 kV |
| Bm-s1 | Reaction to fire | EN 13501-1 | B _{fl} -s1 | B _{if} -s1 | B _{fl} -s1 | B _{fl} -s1 | B _{fl} -s1 |
| 25 | Slip resistance | EN 13893 | $\mu = 0.60$ | $\mu = 0.60$ | $\mu = 0.60$ | $\mu = 0.60$ | n.a. |
| | Thermal conductivity | EN 12524 | 0.28 W/(m·K) | 0.28 W/(m·K) | 0.28 W/(m·K) | 0.28 W/(m·K) | 0.28 W/(m·K) |

| | | Colorex SD | Colorex EC | Colorex EC Plus | Colorex Basic Plus | R11 Plus |
|---|---|--|--|---|--|------------------------|
| CE marking | EN 14041 | Compliant | 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 | 10.5 mm |
| Tile size | EN 427 | 615x615 mm 615x1230 mm* | 615x615 mm 615x1230 mm* | 608x608 mm | 608x608 mm | 608x608 mm |
| Commercial very heavy | ISO 10874 / EN 685 | 34 | 34 | 34 | 34 | 34 |
| Industrial heavy | ISO 10874 / EN 685 | 43 | 43 | 43 | 43 | 43 |
| Electrical resistance | IEC 61340-4-1 EN 1081 (100V) ANSI/ESD 7.1 | $10^6 \le R \le 10^8 \Omega$ | $5 \text{ x } 10^4 \leq R \leq 10^6 \Omega$ | $2.5 \times 10^4 \le R \le 10^6$ | n.a. | n.a. |
| Electrical resistance in combination with ESD Shoes | IEC 61340-4-5 ESD STM 97.1 | n.a. | $R < 3.5 \times 10^7 \Omega$ | $R < 3.5 \times 10^{7} \Omega$ | n.a. | n.a. |
| Outgassing | IDEMA M11-99 | total < 1 µg/cm ² | total < 1 μ g/cm ² | total < 2 μ g/cm ² | total < 2 μ g/cm ² | n.a. |
| Total TVOC 28 days Total TSVOS 28 days | AgBB guidelines | < 1 mg/m ³ < 0.1 mg/m ³ | < 1 mg/m ³ < 0.1 mg/m ³ | < 1 mg/m ³ < 0.1 mg/m ³ | < 1 mg/m ³ < 0.1 mg/m ³ | n.a. |
| Bacteriostatic | SNV 195 920 | Pass | Pass | Pass | Pass | n.a. |
| Chemical resistance | ISO 26787 / EN 423 | Excellent | Excellent | Excellent | Excellent | Excellent |
| Slip resistance | DIN 51130 | R9 | R9 | R9 | R9 | R11 |
| Total weight | ISO 23997 / EN 430 | 3.2 kg/m ² | 3.2 kg/m ² | 12.4 kg/m ² | 12.4 kg/m² | 11.4 kg/m ² |
| Dimensional stability | ISO 23999 / EN 434 | 0.05% | 0.05% | n.a. | n.a. | n.a. |
| Thermal dilatation coefficient | | n.a. | n.a. | 0.11 mm/m°C | 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. | n.a. |
| Resistance to loads (performance may vary, subject to local conditions) | | n.a. | n.a. | Powered pallet truck and forklifts: total weight up to 2.5 t v hard wheels and up to 5 t with air tyres. Static loads: 50 kg/cm ² - dynamic loads: 90 kg/cm ² | | |
| Abrasion resistance | EN 660-2 | Group M | Group M | Group M | Group M | n.a. |
| Castor chair continuous use | ISO 4918 / EN 425 | no effect | no effect | no effect | no effect | n.a. |
| Light fastness | EN ISO 105 B02 | ≥6 | ≥6 | ≥6 | ≥6 | n.a. |
| Impact sound reduction | EN ISO 140-8 | 2 dB | 2 dB | 12 dB | 12 dB | 12 dB |
| All Colorex products meet the re | equirements of EN 1404 | 11 | | | | C EN 1 |
| Body voltage generation, with appropriate ESD shoes | IEC 61340-4-5 ESD STM97.2 EN 1815 | 40 V | 20 V | 20 V | < 2 kV | < 2 kV |
| Reaction to fire | EN 13501-1 | B _{fl} -s1 | B _{fl} -s1 | B _r -s1 | B _n -s1 | B _{ff} -s1 |
| Slip resistance | EN 13893 | μ = 0.60 | μ=0.60 | $\mu = 0.60$ | μ = 0.60 | n.a. |
| | | | | | | |

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

Recommended adhesives

Our recommended adhesive for the Colorex SD/EC is Eurostar Special EL 641. For Electrostatic installation of Colorex SD/EC see www.forbo-flooring.co.uk Larger tile sizes of Colorex may be available, please contact your local Business Area Manager for more details.

step®

Technical specifications

Step meets the requirements of EN – ISO 10582 and EN 13845

| | | | Safestep R11 | Safestep R12 | |
|----------|--------------------------------|---|---------------------------------|---------------------------------|-----------------------|
| | Total thickness | EN - ISO 24346 | 2.0 mm | 2.0 mm | |
| | Thickness wear layer | EN - ISO 24340 | 0.7 mm | 0.7 mm | |
| | Collection size | | 8 | 4 | |
| 0 | Commercial very heavy | EN - ISO 10874 | Class 34 | Class 34 | |
| | Industrial heavy | EN - ISO 10874 | Class 43 | Class 43 | |
| 2 | Roll width | EN - ISO 24341 | 2.00 m | 2.00 m | |
| 2 | Roll length | EN - ISO 24341 | 20 - 27 m | 20 - 27 m | |
| | Total weight | EN - ISO 23997 | 2.75 kg/m ² | 2.75 kg/m ² | |
| | Dimension stability | EN - ISO 23999 | < 0.1% | < 0.1% | |
| | Residual indentation | EN - ISO 24341-1 | 0.05 mm | 0.05 mm | |
| D | Castor chair continuous use | EN 425 | No effect | No effect | |
| | Use in Wet areas | EN 13533 | Yes | Yes | |
| | Light fastness | EN ISO 105 B-02 | ≥6 | ≥6 | |
| 2 | Flexibility | EN-ISO 24344 | ø 10 mm | ø 10 mm | |
| | Resistance to chemicals | EN-ISO 26987 | Very good | Very good | |
| | Slip resistance | EN 13845 Annex C | ESf | ESf | |
| | | EN 13845 Annex D 50.000 revolutions <10% loss | Pass | Pass | |
| | | DIN 51130 | R11 | R12 | |
| | | DIN 51097 | - | - | |
| | | TRRL Pendulum – Wet test – slider 96 | ≥ 40 | ≥ 50 | |
| | | Surface roughness Rz | ≥ 20 | ≥ 20 | |
| 2 0 | Electrical resistance | EN 1081 (R1) | 1.10 ⁹ Ω | 1.10 ⁹ Ω | |
| | Step meets the requirements of | EN 14041 | | | CE EN 14041 |
| M_ 81 | Reaction to fire | EN 13501-1 | B _{ff} -s ₁ | B _{fl} -s ₁ | |
| 5 | Slip resistance | EN 13893 | DS: ≥ 0.30 | DS: ≥ 0.30 | |

| B _{II} -s1 | Reaction to fire | EN 13501-1 | B _{ff} -s ₁ | B _n -s ₁ |
|---------------------|----------------------|------------|---------------------------------|--------------------------------|
| DS | Slip resistance | EN 13893 | DS: ≥ 0.30 | DS: ≥ 0.30 |
| Z | Body voltage | EN 1815 | < 2kV | < 2kV |
| ▦ | Thermal conductivity | EN 12524 | 0.25 W/m·K | 0.25 W/m·K |

Recommended adhesives

Our recommended adhesive for the Step collection is Eurosafe special 540.

| Tec | hnical | specifications |
|-----|--------|----------------|
| | | |

| | Step meets the requirements | of EN - ISO 10582 and EN 13845 | Surestep Original Surestep Star | Surestep Wood Surestep Stone Surestep Mineral Surestep Texture | |
|---|--------------------------------|---|------------------------------------|---|-----------------------|
| | Total thickness | EN - ISO 24346 | 2.0 mm | 2.0 mm | |
| | Thickness wear layer | EN - ISO 24340 | 0.7 mm | 0.7 mm | |
| | Collection size | | 24/13 | 12/8/5/5 | |
| ñ | Commercial very heavy | EN - ISO 10874 | Class 34 | Class 34 | |
| Ì | Industrial heavy | EN - ISO 10874 | Class 43 | Class 43 | |
| 2 | Roll width | EN - ISO 24341 | 2.00 m | 2.00 m | |
| 2 | Roll length | EN - ISO 24341 | 20 - 27 m | 20 - 27 m | |
| | Total weight | EN - ISO 23997 | 2.75 kg/m ² | 2.75 kg/m ² | |
| | Dimension stability | EN - ISO 23999 | < 0.1% | < 0.1% | |
| | Residual indentation | EN - ISO 24341-1 | ≤ 0.05 mm | ≤ 0.05 mm | |
| | Castor chair continuous use | EN 425 | No effect | No effect | |
| | Use in Wet areas | EN 13533 | Yes | No | |
| | Light fastness | EN ISO 105 B-02 | ≥6 | ≥6 | |
| | Flexibility | EN-ISO 24344 | ø 10 mm | ø 10 mm | |
| | Resistance to chemicals | EN-ISO 26987 | Very good | Very good | |
| | Slip resistance | EN 13845 Annex C | ESf | ESf | |
| | | EN 13845 Annex D 50.000 revolutions <10% loss | Pass | Pass | |
| | | DIN 51130 | R10 | R10 | |
| | | DIN 51097 | - | - | |
| | | TRRL Pendulum – Wet test – slider 96 | ≥ 36 | ≥ 36 | |
| | | Surface roughness Rz | ≥ 20 | ≥ 20 | |
| | Electrical resistance | EN 1081 (R1) | > 1.10 ⁹ Ω | > 1.10 ⁹ Ω | |
| | Step meets the requirements of | EN 14041 | | | CE EN 14041 |
| | Reaction to fire | EN 13501-1 | B _{ff} -s ₁ | B _{ff} -s ₁ | |
| | Slip resistance | EN 13893 | DS: ≥0.30 | DS: ≥0.30 | |
| | Body voltage | EN 1815 | < 2kV | < 2kV | |
| | Thermal conductivity | EN 12524 | 0.25 W/m·K | 0.25 W/m·K | |

Recommended adhesives Our recommended adhesive for the Step collection is Eurosafe special 540.

For Surestep Wood Decibel technical specification, please see page 130.

wetroom solution

Technical specifications

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

| | | Safestep Aqua | Surestep Laguna | |
|-----------------------------|---|------------------------|------------------------|---|
| Total thickness | EN - ISO 24346 | 2.0 mm | 2.0 mm | |
| Thickness wear layer | EN - ISO 24340 | 0.7 mm | 0.7 mm | |
| Collection size | | 12 | 12 | |
| Commercial very heavy | EN - ISO 10874 | Class 34 | Class 34 | |
| Industrial heavy | EN - ISO 10874 | Class 43 | Class 43 | |
| Roll width | EN - ISO 24341 | 2.00 m | 2.00 m | |
| Roll length | EN - ISO 24341 | 20 - 27 m | 20 - 27 m | |
| Total weight | EN - ISO 23997 | 2.75 kg/m ² | 2.75 kg/m ² | |
| Dimension stability | EN - ISO 23999 | < 0.1% | < 0.1% | |
| Residual indentation | EN - ISO 24341-1 | ≤ 0.05 mm | ≤ 0.05 mm | |
| Castor chair continuous use | EN 425 | No effect | No effect | |
| Use in Wet areas | EN 13533 | Yes | Yes | |
| Light fastness | EN ISO 105 B-02 | ≥6 | ≥6 | |
| Flexibility | EN-ISO 24344 | ø 10 mm | ø 10 mm | |
| Resistance to chemicals | EN-ISO 26987 | Very good | Very good | |
| Slip resistance | EN 13845 Annex C | ESb | Esb / ESf | |
| | EN 13845 Annex D 50.000 revolutions <10% loss | Pass | Pass | |
| | DIN 51130 | R10 | R10 | |
| | DIN 51097 | Class C | Class B | |
| | TRRL Pendulum – Wet test – slider 96 | | ≥ 36 | |
| | TRRL Pendulum – Wet test – slider 55 | ≥ 36 | ≥ 36 | _ |
| | Surface roughness Rz | ≥ 20 | ≥ 20 | |
| Electrical resistance | EN 1081 (R1) | > 1.10 ⁹ Ω | > 1.10 ⁹ Ω | |

| | | | | LIVIAU |
|-------|----------------------|------------|---------------------------------|--------------------------------|
| Bn-s1 | Reaction to fire | EN 13501-1 | B _{ff} -s ₁ | B _n -s ₁ |
| See 1 | Slip resistance | EN 13893 | DS: ≥0.30 | DS: ≥0.30 |
| Z | Body voltage | EN 1815 | < 2kV | < 2kV |
| Ë | Thermal conductivity | EN 12524 | 0.25 W/m·K | 0.25 W/m·K |

Recommended adhesives

Our recommended adhesive for the Step collection is Eurosafe special 540.

sarlon®

Technical specifications

Sarlon 15 dB, 17 dB and 19 dB meet the requirements of EN 14041 and EN651 Canyon compact meets the requirements of EN 14041 and EN649

| | | | Sarlon 15 dB | Sarlon 17 dB | Sarlon 19 dB | Canyon compact |
|----------------------|--|--------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| (° × ^ | Total thickness | EN 428 (ISO 24346) | 2.6 mm | 3.0 mm | Printed 3.4 mm Cristal 3.75 mm | 2.0 mm |
| | Wear layer thickness | EN 429 (ISO 24340) | 0.70 mm | 0.67 mm | Printed 0.67 mm Cristal 0.75 mm | 0.70 mm |
| R | Total weight | EN 430 (ISO 23997) | 2.700 g/m ² | 2.500 g/m ² | Printed 2.900 g/m ² Cristal 3.000 g/m ² | 2.400 g/m ² |
| ٢ | Impact sound reduction | EN ISO 717-2 | $\Delta Lw = 15 \text{ dB}$ | $\Delta Lw = 17 dB$ | $\Delta Lw = 19 dB$ | $\Delta Lw = 5 dB$ |
| (\circ) | In-room impact noise | NF S 31-074 | Ln,e,w < 65 dB, Class A | Ln,e,w < 65 dB, Class A | Ln,e,w < 65 dB, Class A | - |
|))) | Sound absorption | EN ISO 354 EN ISO 11654 | $\alpha_{_{\rm W}} = \pm 0.05$ | $a_{_{\rm W}} = \pm 0.05$ | $a_{_W} = \pm 0.05$ | - |
| Ĩ | Residual indentation (maximum measured value) | EN 433 (ISO 24343-1) | 0.07 mm | 0.09 mm | 0.11 mm | 0.02 mm |
| | Average measured value Requirement | | 0.05 mm ≤ 0.20 mm | 0.07 mm ≤ 0.20 mm | 0.08 mm ≤ 0.20 mm | - ≤ 0.10 mm |
| 25 | Slip resistance | DIN 51130 | R10 | R9 | R9 | R10 |
| H | Abrasion resistance | EN 660-2 (ISO 24338) | т | Т | т | т |
| | Specifications | | EN 651 (ISO 11638) | EN 651 (ISO 11638) | EN 651 (ISO 11638) | NF EN 649 (ISO 10582) |
| im | Commercial use | EN 685 (ISO 10874) | Class 34 | Class 34 | Class 34 | Class 34 |
| 1 <u>m</u> | Industrial use | EN 685 (ISO 10874) | Class 42 | Class 42 | Class 42 | Class 42 |
| | Packaging | | Rolls | Rolls | Rolls | Rolls |
| $\overline{\langle}$ | Roll length | EN 426 (ISO 24341) | 25 m | 25 m | 25 m | 25 m |
| | Roll width | EN 426 (ISO 24341) | 2 m | 2 m | 2 m | 2 m |
| 6 | Castor chair resistance | EN 425 (ISO 4918) | Yes | Yes | Yes | Yes |
| | Furniture leg resistance | EN 424 (ISO 16581) | compliant | compliant | compliant | compliant |
| к л К У | Dimensional stability Requirement | EN 434 (ISO 23999) | < 0.10 % ≤ 0.40 % | < 0.10 % ≤ 0.40 % | < 0.10 % ≤ 0.40 % | < 0.10 % ≤ 0.40 % |
| R | Colour fastness to light Requirement | EN ISO 105-B02 | 7 ≥6 | 7 ≥6 | 7 ≥6 | 7 ≥6 |
| ΕØ | Stain resistance | EN 423 (ISO 26987) | Good | Good | Good | Good |
| — | Surface treatment | | PUR | PUR | PUR | PUR |
| | Fungistatic and bacteriostatic treatments | | BIOSTATIC® | BIOSTATIC® | BIOSTATIC® | - |
| | Emissions into air : TVOC* at 28 days | NF EN ISO 16000 (ISO 10580) | < 100 µg/m3 | < 100 µg/m3 | < 100 µg/m3 | < 100 μg/m3 |
| | REACH (European regulation) | 1907/2006/CE | compliant (²) | compliant (²) | compliant (²) | compliant (²) |
| | All Sarlon products meet the r | equirements of EN 1404 | 1 | | | CE EN 14041 |
| Cirs1 | Reaction to fire | EN 13501-1 | B _{ff} -s1 (³) | C _{fl} - s1 (¹) | C _{fl} - s1 (¹) | B _{fl} - s1 (³) |
| °°€ DS | Slip resistance | EN 13893 | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) |
| Ą | Body voltage | EN 1815 | $E \leq 2 \; kV$, Antistatic | $E \leq 2 \ kV$, Antistatic | $E \leq 2 \; kV$, Antistatic | $E \le 2 \text{ kV}$, Antistatic |
| ▤ | Thermal conductivity | EN 12524 (EN ISO 10456) | Suitable for heated floo | ors up to 30°C | | |

| | | | Sarlon 15 dB | Sarlon 17 dB | Sarlon 19 dB | Canyon compact |
|----------|--|--------------------------------|--------------------------------------|---------------------------------------|--|---------------------------------------|
| | Total thickness | EN 428 (ISO 24346) | 2.6 mm | 3.0 mm | Printed 3.4 mm Cristal 3.75 mm | 2.0 mm |
| | Wear layer thickness | EN 429 (ISO 24340) | 0.70 mm | 0.67 mm | Printed 0.67 mm Cristal 0.75 mm | 0.70 mm |
| 2 | Total weight | EN 430 (ISO 23997) | 2.700 g/m ² | 2.500 g/m ² | Printed 2.900 g/m ² Cristal 3.000 g/m ² | 2.400 g/m ² |
| | Impact sound reduction | EN ISO 717-2 | $\Delta Lw = 15 \text{ dB}$ | $\Delta Lw = 17 dB$ | $\Delta Lw = 19 \text{ dB}$ | $\Delta Lw = 5 dB$ |
|)) | In-room impact noise | NF S 31-074 | Ln,e,w < 65 dB, Class A | Ln,e,w < 65 dB, Class A | Ln,e,w < 65 dB, Class A | - |
|)) | Sound absorption | EN ISO 354 EN ISO 11654 | $\alpha_{_W} = \pm 0.05$ | $a_w = \pm 0.05$ | $\alpha_{_{\rm W}} = \pm 0.05$ | - |
| | Residual indentation (maximum measured value) Average measured value | EN 433 (ISO 24343-1) | 0.07 mm 0.05 mm | 0.09 mm 0.07 mm | 0.11 mm 0.08 mm | 0.02 mm |
| | Requirement | | ≤ 0.20 mm | ≤ 0.20 mm | ≤ 0.20 mm | ≤ 0.10 mm |
| a l | Slip resistance | DIN 51130 | R10 | R9 | R9 | R10 |
| - | Abrasion resistance | EN 660-2 (ISO 24338) | Т | т | т | т |
| | Specifications | | EN 651 (ISO 11638) | EN 651 (ISO 11638) | EN 651 (ISO 11638) | NF EN 649 (ISO 1058 |
| ĥ | Commercial use | EN 685 (ISO 10874) | Class 34 | Class 34 | Class 34 | Class 34 |
| Ì | Industrial use | EN 685 (ISO 10874) | Class 42 | Class 42 | Class 42 | Class 42 |
| | Packaging | | Rolls | Rolls | Rolls | Rolls |
| Ş | Roll length | EN 426 (ISO 24341) | 25 m | 25 m | 25 m | 25 m |
| Ŷ | Roll width | EN 426 (ISO 24341) | 2 m | 2 m | 2 m | 2 m |
| Ţ | Castor chair resistance | EN 425 (ISO 4918) | Yes | Yes | Yes | Yes |
| Ļ | Furniture leg resistance | EN 424 (ISO 16581) | compliant | compliant | compliant | compliant |
| | Dimensional stability Requirement | EN 434 (ISO 23999) | < 0.10 % ≤ 0.40 % | < 0.10 % ≤ 0.40 % | < 0.10 % ≤ <i>0.40</i> % | < 0.10 % ≤ <i>0.40</i> % |
| R | Colour fastness to light Requirement | EN ISO 105-B02 | 7 ≥6 | 7 ≥6 | 7 ≥6 | 7 ≥6 |
| J | Stain resistance | EN 423 (ISO 26987) | Good | Good | Good | Good |
| | Surface treatment | | PUR | PUR | PUR | PUR |
| | Fungistatic and bacteriostatic treatments | | BIOSTATIC® | BIOSTATIC® | BIOSTATIC® | - |
| | Emissions into air : TVOC* at 28 days | NF EN ISO 16000 (ISO 10580) | < 100 µg/m3 | < 100 µg/m3 | < 100 µg/m3 | < 100 µg/m3 |
| | REACH (European regulation) | 1907/2006/CE | compliant (²) | compliant (²) | compliant (²) | compliant (²) |
| | All Sarlon products meet the r | equirements of EN 1404 | 1 | | | C EN 14 |
| Ŋ_ ₽1 | Reaction to fire | EN 13501-1 | B _{ff} -s1 (³) | C _{fl} - s1 (¹) | C _{fl} - s1 (¹) | B _{fl} - s1 (³) |
| a s | Slip resistance | EN 13893 | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) | Class DS ($\mu \ge 0.30$) |
| 2 | Body voltage | EN 1815 | $E \le 2 \text{ kV}$, Antistatic | $E \le 2 \text{ kV}$, Antistatic | $E \leq 2 \; kV$, Antistatic | $E \le 2 \text{ kV}$, Antistatic |
| | Thermal conductivity | EN 12524 (EN ISO 10456) | Suitable for heated floo | ors up to 30°C | | |

(¹) Valid on every substrate: wood, non combustible A2fl-s1 or A1fl, or on free laying (with SARLIBASE TE underlayer)
 (²) The articles (products) do not contain substances of the candidate list published by ECHA (SVHC substances of very high concern)
 (³) Valid on non combustible substrate: A2fl-s1 or A1fl
 * TVOC : total volatile organic compounds

Recommended adhesives

Our recommended adhesive for the Sarlon collection is Eurosafe special 540.

Acoustic safety

Technical specifications

Eternal Decibel meets the requirements of EN 651

Surestep Wood Decibel meets the requirements of EN 13845 and EN 651 (ISO 11638)

| | | | Surestep Wood Decibel | |
|-------------------------|---|----------------------|-------------------------|-----------------------|
| Ŷ | Total thickness | EN 428 (ISO 24346) | 3.0 mm | |
| ° × | Thickness wearlayer | EN 429 (ISO 24340) | 0.7 mm | |
| \blacksquare | Collection size | | 12 | |
| - <i>ii</i> ii | Commercial use | EN 685 (ISO 10874) | Class 34 | |
| 1 🏨 | Industrial use | EN 685 (ISO 10874) | Class 42 | |
| T | Roll width | EN 426 (ISO 24341) | 2.0/3.0/4.0 m | |
| - | Roll length | EN 426 (ISO 24341) | ± 25 m | |
| ^ا لگ | Total weight | EN 430 (ISO 23997) | 2.8 kg/m ² | |
| ר א ^י ע ש | Dimensional stability | EN 434 (ISO 23999) | < 0.1 % | |
| ٩ | Acoustical impact noise reduction | EN ISO 717-2 | 17 dB | |
| (0) | In-room impact noise | NF S 31-074 | Ln,e,w < 65 dB, Class A | |
| ů. | Residual indentation | ISO 24343-1 EN 433 | ≤ 0.15 mm | |
| H | Abrasion resistance | EN 660-2 (ISO 24338) | Group T | |
| 6 | Castor chair continuous use | EN 425 (ISO 4918) | No effect | |
| ₹. A | Light fastness | EN ISO 105-B02 | ≥6 | |
| 52 | Flexibility | ISO 24344 EN 435 | ø 10 mm | |
| <u>بن</u> | Resistance to chemicals | ISO 26787 EN 423 | Very good | |
| 16 | Slip resistance | DIN 51130 | R10 | |
| <u>کر</u> دارون | Electrical resistance | EN 1081 | > 1·10° Ω | |
| Ë | Suitable for floor heating | | - | |
| | Surface finish | | PUR Pearl™ | |
| | All Eternal and Step products meet the requirements of EN 14041 | | | CE EN 14041 |
| Bn S1 | Reaction to fire | EN 13501-1 | B _n - s1 | |
| 9En DS | Slip resistance | EN 13893 | DS: ≥ 0.30 | |
| Þ | Body voltage | EN 1815 | < 2 kV | |
| H | Thermal conductivity | EN 12524 | 0.25 W/m·K | |
| | | | | |

Recommended adhesives

Our recommended adhesive for the Sarlon collection is Eurosafe special 540.

Cleaning and Maintenance

Forbo Cleaning and Maintenance advice;

Congratulations on receiving your new Forbo Marmoleum Floor. Your floor is protected by Topshield2, an innovative and durable factory finish which should not be removed.

The finish is part of the Marmoleum and the perfect base for your ongoing use of the floor. In order to keep your floor in optimum condition, the following cleaning and maintenance methods are recommended:

Initial cleaning after installation;

To start of your floor after installation it is important to remove all soil and concrete-dust

- 1. Remove all loose soil, debris, sand and grit by sweeping, vacuuming, or dust mopping.
- 2. Mop the floor with neutral universal floor cleaner. Where appropriate, for example in larger or heavily soiled areas, a rotary machine (150-300 rpm) or scrubber drier with red pad may be used. Tip: if cement dust is present add approximately 2% of Citric or Acetic acid
- 3. Remove the dirty water and rinse.
- 4. Let the floor dry completely before use.
- 5. If required, dry or spray buff the floor with a rotary machine and a red pad.

The floor is now ready for use, and does not require any further treatment or finish application. If the application of additional finishes is being considered refer to FAQ's later in this guide.

Regular cleaning;

The choice for a regular cleaning method depends on the expected amount of dirt, wear and desired visual appearance and hygiene standard.

- 1. Remove dust and loose dirt by vacuum cleaning, sweeping or mopping.
- 2. Remove spots, stains and spillages with a damp mop and a neutral universal floor cleaner.
- 3. In your regular cleaning system a combined cleaning and maintenance action may be required. For this several systems can apply:
- A soap film system (Forbo Monel)
- A wax based system
- A spray system

Maintenance;

The following maintenance actions should be used when needed to maintain or restore a satisfactory level of appearance.

After the following steps the floor is ready for regular cleaning again.

- 1. Sweep, mop or vacuum the floor to remove loose dust and soil.
- 2. Clean the floor with a rotary machine with a red pad and a neutral universal floor cleaner (Forbo Cleaner). If required apply one of the maintenance product-types mentioned in point 3 under "Regular cleaning".

For heavily soiled areas the following steps can be completely or partially applied after step 1.

- 1. Scrub with green pad and a neutral universal floor cleaner (Forbo Cleaner).
- 2. Rinse with clean water and allow the floor to dry.
- 3. Buff with a rotary machine with a red buffing pad. If required apply completely or partially one of the maintenance product-types mentioned in point 3 under "Regular cleaning".



Forbo FloorCare method – Marmoleum

Best practice: Tips for effective floor care

General advice

Protect newly laid floors

All newly laid floors should be covered and protected from all other trades during the contract with a suitable non-staining protective coverina.

Use protective feet on chairs and tables to reduce scratching. Castor wheels should be of soft material suitable for resilient floor coverings (according to EN425 and EN12529)

Use Entrance Systems

As much as 80% of dirt entering a building is brought in by foot traffic. Correct use of a good quality entrance barrier mat (for example Forbo Coral and Nuway) is recommended and can significantly reduce the volume of dirt reaching smooth floor coverings; reducing maintenance costs and maximising appearance retention. It is generally accepted that a minimum area of 4 - 10 steps is required before soil is removed.

Cleaning

- Regular cleaning is more beneficial and cost effective than occasional heavy cleaning.
- Use recommended cleaning products. High quality cleaning products and equipment ensure efficient maintenance and represent only a small proportion of maintenance costs.
- Always follow the manufacturer's instructions for cleaning products.
- Always follow the Health and Safety guidance provided.
- Remember that light and uni-colours may need to be cleaned more frequently.

Proper use of Floor Care Chemicals

The improper use of high pH cleaners and strippers may damage resilient flooring. Frequent treatment or inadequate rinsing may cause cracking, shrinking, and/or discoloration. Linoleum flooring should never be cleaned with high pH chemicals because permanent damage may occur. Abrasive powders or cleansers should not be used.

FAO

How often should I clean my floor?

The optimum frequency for cleaning and maintenance is determined by the way the floor is used. When producing a cleaning and maintenance schedule it is good practice to consider the situation of the floor first: e.g. is it near an entrance to the building or on an upper floor? Will it collect dry or moist soil? What level of traffic will it be subjected to?

Can I polish my floor?

The advanced surfaces applied on Forbo Linoleum do not require the use of polish. However, if you do wish to polish your floors this will not harm it or affect any product warranties. If polish is to be applied do not attempt to remove the surface finish.

Should you choose to apply an additional coating the performance properties of the flooring can change.









op**shield**



Tips & Tricks

Removing marks

| Marks caused by | Removed with | |
|--|--|--|
| Chocolate, grease, egg, coffee, juice, etc. | Neutral floor cleaner in lukewarm water | |
| Asphalt, oil, rubber, soot | Cleaners' white spirits | |
| Crayons, lipstick, felt-tip | 50% methylated spirit | |
| Chewing-gum | Cool with cold spray or ice cubes and scrape | |
| Candle wax | Remove hard wax gently. Place absorbent paper on spot and iron at 70°C | |
| Rust | Oxalic or citric acid in lukewarm water | |
| Burns | Rub off using fine scouring nylon | |

Buffing tips

• Spray or dry buffing enhances gloss, helps remove black marks and repairs scratches. Be sure to buff with a clean buffing pad.

Take good care of your pads. Check and flip when they get soiled. Wash, rinse and hang to dry after use.

Cleaning machines and pads

Pad codes

The colour codes indicating grades of pads will vary depending on the manufacturer/country, and also according to the type of machine that is used, i.e. standard, high speed or ultra high speed.

For example;

| | 3M | |
|--|---------------------------------|--|
| Fine grade, for dry burnishing non-buffable polishes | White | |
| For regular spray cleaning and light scrubbing | Red | |
| For heavy duty cleaning/renovation | Green/Blue | |
| Stripping | Green/Blue | |
| High speed burnishing | Check with product manufacturer | |

Machine speeds

For machine cleaning and maintenance, 150 to 300 rpm is perfectly suitable. For the spray method, 300 to 500 rpm is the recommended speed for removing gloss irregularities and restoring the floor's original, optimum appearance.

Conductive Marmoleum Ohmex

To maintain conductivity of an Ohmex-floor it should be cleaned only by cleaning and maintenance products that do not reduce the conductivity of the flooring.

The Forbo Project Vinyl collection is easy to clean and maintain, thanks to its smooth and highly durable PUR coated surface.

Initial site clean



- Clean the floor with cleaner and a mop
- · Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry



When intensive traffic is expected: Spray buff the cleaned floor with a rotary machine, buffing pad and spray

Regular cleaning



· Wipe with a dust mop and dust cloth, or vacuum the floor



• Remove spots with a damp mop

Periodic cleaning



• Spray clean with a rotary machine and a buffing pad, use spray where necessary

Occasional maintenance



- Scrub with cleaner, a rotary machine and a scrub pad
- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry



- When intensive traffic is expected:
- · Spray buff the cleaned floor with a rotary machine, buffing pad and spray

Forbo FloorCare method – Step

The Forbo Surestep slip resistant vinyl collections are easy to clean and maintain, thanks to their highly durable PUR pearl and PUR coated surfaces.

Surestep

Initial site clean



• Remove all debris, dirt and dust off the floor and clean the floor with a neutral floor cleaner. For larger areas a scrubber dryer or a rotary machine with a suitable cleaning pad may be used. Pick up dirty water with a wiper and mop or wet vacuum, rinse with clean water and allow floor to dry.



• Remove spots with a damp mop and a suitable cleaning pad

Occasional maintenance



- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry

Safestep R11, Safestep R12, Safestep Agua

Initial site clean



vacuum, rinse with clean water and allow floor to dry.

Regular cleaning



- - to dry.
 - water and allow the floor to dry.

Periodic cleaning

- properties of Step could be reduced.

• Remove loose soil with a dust mop, dust cloth, or vacuum the floor • Spray clean as required with a neutral floor cleaner, rotary machine

• Scrub with cleaner, a rotary machine and a suitable cleaning pad

Remove all debris, dirt and dust off the floor. Vacuum clean and/or sweep the floor thoroughly then scrub with a floor cleaner. For larger area.s a scrubber drier or rotary machine with a suitable brush or a cylindrical brush machine will be most effective. Pick up dirty water with wiper and mop or wet

• Vacuum or sweep the floor to remove loose dirt and dust.

• Manual Cleaning – Scrub with a floor cleaner (ph7-8) and a suitable scrubbing brush. Remove dirty water with a wiper and mop. Rinse with clean water and allow the floor

• Machine Cleaning - A combined scrubber drier or rotary machine with a suitable brush or a cylindrical brush machine will produce best results on larger areas. Rinse with clean

• Clean the floor periodically using the manual or machine methods above. Clean heavily soiled areas with a neutral floor cleaner, which should be allowed to soak on the floor for a few minutes before scrubbing. Rinse with clean water and allow the floor to dry.

Please note: Do not use seals or polishes, or floor maintainers containing polish as the slip resistant

The Forbo Project Vinyl collection is easy to clean and maintain, thanks to its smooth and highly durable PUR coated surface.

Cleaning after installation



- Sweep, dust, mop or vacuum floor to remove loose soil Clean the floor with cleaner and a mop
- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop Allow the floor to dry



When intensive traffic is expected: • Spray buff the floor with a rotary machine and a suitable pad

Regular cleaning



· Wipe with a dust mop and dust cloth, or vacuum the floor



Remove spots with a damp mop

Periodic cleaning



• Spray clean with a rotary machine and a buffing pad, use spray where necessary

Occasional maintenance



- Scrub with cleaner, a rotary machine and a scrub pad
- Pick up dirty water with a wiper and mop or a water vac
- Rinse with clean water and a mop
- Allow the floor to dry



When intensive traffic is expected: • Spray buff the floor with a rotary machine and a suitable pad

Products

Forbo Cleaner is an effective and pH neutral cleaner.

For more information: wwwforbo-flooring.co.uk If you want to use alternative products, please consult your local supplier.

Forbo FloorCare method – Colorex SD/EC

Care and maintenance instructions

- Forbo Flooring Giubiasco recognises that the major cost incurred over the lifetime of any durable floor is cleaning and maintenance. As a result, our Colorex flooring products are engineered with easy cleaning and superior appearance retention in mind, without the need to apply costly dressing, finishes and alike.
- The following factors are usually considered when choosing the appropriate cleaning regime: the size of the floor, the local site conditions (traffic), the desired level of hygiene and the desired optical appearance.
- The degree of cleanliness and hygiene of the floors will not only be determined by the cleaning method which has been chosen, but also from its frequency and carefulness in application. Cleaning takes time and is done badly all too often.
- The following instructions are summarising the main cleaning methods. Manual and mechanical cleaning procedures can be switched in order to meet various hygiene and cost requirements.

Initial cleanup after installation (once)

• Remove any loose dirt and dust by vacuum cleaning and/or sweep the floor thoroughly. Glue residues must be removed with an appropriate solvent, e.g. white spirit.



Caution: Solvents like acetone do attack PVC and may therefore damage the surface of the Colorex tiles. Do not use.

- Scrub the floor with a neutral cleaner, a low speed rotary machine (max. 200 rpm) and a blue or green scrub pad.
- If the floor presents heavy soiling or particularly stubborn stains, more abrasive scrub pads like brown or black can be used.
- Wet vac the dirty cleaning solution. Rinse with clear water to remove the abrasion dust and thoroughly wet vac the rinsing water as well. Allow the floor to dry.
- Restore the original surface quality and appearance of the Colorex tiles by dry polishing with a low speed rotary machine and a red pad. *Important:* where a highly abrasive scrubbing with a brown or black pad had been carried out, dry polish the surface with a blue pad first and then continue with the red one.
- To reach an extra shine, a white or yellow pad may be used for a final dry buffing.



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Alternative for clean construction sites (once)

Where clean construction site principles have been implemented during construction (hospitals, pharmaceutical industry, biotech laboratories etc.), deep or abrasive initial cleaning can be skipped. Proceed as follows to set the base for an optimum use performance of your Colorex floor:

- 1. Remove any dust by vacuum cleaning or light damp mopping. Allow to dry.
- 2. Thoroughly dry-polish the floor with a low speed rotary machine and red pad. We recommend to perform two passages with crossing strokes.
- 3. A shiny floor is not necessarily a clean floor. Nevertheless, if a shiny appearance is desired, carry out a final dry buffing with a yellow or white pad. High speed buffing is optional.



Daily cleaning/Routine cleaning

- For small rooms or areas with light traffic: Daily sweep the floor with dry or impregnated single use towels.
- For areas with medium or high traffic: Spray clean with a neutral and wax-free spray cleaning solution and a low speed rotary machine with red pad.

This is also the most appropriate cleaning method for raised access floors.

Periodical maintenance

- For small rooms or areas with light traffic: Damp mop the floor with a well squeezed mop, using twin buckets and a neutral detergent.
- For large areas with heavy traffic, the use of a scrubber-dryer machine with an appropriate cleaner is indicated.

Black shoe marks (scuff marks) are removed by dry buffing with a rotary machine and red pad. Particularly stubborn marks may be removed using a specific cleaner and a hand scrub fitted with a red pad.

Caution: Vinyl flooring will become slippery when wet. Care must be taken when walking upon the wet floor. Appropriate warning signs should be used if any traffic is possible while the floor is wet.











Design service



Plan design for Loughborough University, voted 'Installation of the Year' by a panel of experts.

Plan design

Our in-house design team at Forbo can help bring your ideas to life with their free Plan Design Service. Whether you are taking inspiration from one particular product which needs to be carried through the plan, or whether you simply need to see your scheme in the flesh, we can create plan boards of your design complete with product samples. For areas that have specific requirements such as safety flooring or acoustic flooring, our team can offer help and advice on the best products to meet your needs, all designed to work with your visualisation.

For more information on this free service please contact our Design department on 01772 332 620.

Forbo room planner

Alternatively, our brand new room planner on the web site allows you to drop products from across our entire portfolio into a selection of room shots, giving you the freedom to visualise how your scheme will look.



For more information, please visit www.forbo-flooring.co.uk/roomplanner

The next step

For further information on any of the products in this brochure, please don't hesitate to contact us on the number below and we'll be pleased to send you additional literature and samples as required.

Please also contact us if you are interested in discussing your bespoke flooring design project with us, or if you would like any further details on any product within the Forbo portfolio.

Downloads and samples from www.forbo-flooring.co.uk

All the information you need, available at the click of a button, any time of the night or day, seven days a week, 365 days a year.

The downloads and samples section allows you to access the broad variety of literature we have available such as product speci-



London EC1 showroom

Forbo's EC1 showroom is the ideal place to visit when you're looking for that 'perfect colour' or just want to see a wider range of products.

Our full portfolio of brands is on display including Tessera and Westbond carpet tiles, Marmoleum, project vinyl ranges, entrance systems and designs from our Flotex collection.

Why not pop in and enjoy some hospitality while looking at the products or discussing a project with one of our advisors.

We look forward to seeing you.

Visit our showroom: London EC1 Showroom 79 St John Street Clerkenwell London EC1M 4NR Tel: 0207 553 9300

Opening hours: Monday - Friday 9.00 am - 4.00 pm

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Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Please contact info.flooring.uk@forbo.com www.forbo-flooring.co.uk Tel: 0800 731 2369

fications, NBS Specifications, BRE ratings, Ska rating, BIM information Material Safety Datasheets, brochures and Cleaning & Installation information.

Samples can also be ordered via the web using the online sample basket or by calling **0800 731 2369**.



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



UK

Forbo Flooring UK Limited PO Box 1, Kirkcaldy, Fife KY1 2SB

London EC1 showroom 79 St John Street, Clerkenwell London EC1M 4NR Tel: 0207 553 9300

For commercial enquiries:

If calling from the North, Midlands, London & South East Tel: 0800 0282 162 Fax: 01772 646 912

If calling from Scotland & South West Tel: 0800 0935 258 Fax: 01592 643 999

Nuway enquiries: Tel: 01773 740 688 Fax: 01773 740 640

Residential enquiries: Tel: 0800 0935 846 Fax: 01592 643 999

Email: info.flooring.uk@forbo.com www.forbo-flooring.co.uk

Samples: Tel: 0800 731 2369

Ireland

Forbo Ireland Ltd 2 Deansgrange Business Park Blackrock Co Dublin Tel: 00353 1 2898 898 Fax: 00353 1 2898 177 Email: info.ireland@forbo.com www.forbo-flooring.ie

Registered office:

Forbo Flooring UK Limited Den Road, Kirkcaldy Fife KY1 2ER Registered in Scotland: No 41400





