



# MAGNIFICENT MARMOLEUM

**Marmoleum** is Forbo's brand of **linoleum** flooring which is a natural flooring product consisting of linseed oil, pine rosin, wood flour, limestone, pigments, and jute.

This brochure helps to explain what makes this CO<sub>2</sub> neutral product.\*



\*The weighted average of our Marmoleum portfolio is CO<sub>2</sub> neutral (crad<mark>le to gate) - without offsetting</mark>

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Linseed oil pressed from the seeds of the flax plant, we use ...



# PURE **NATURE**

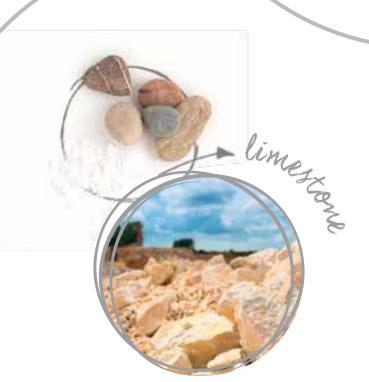
Rosin from pine trees which, together with the linseed oil, is heated and creates a linoleum paste. To this we add finely ground upcycled wood such as the branches, trunks and roots of the trees harvested in the certified forestry industry. We call this material wood flour.



Limestone is a fourth element which is added to the linoleum paste mix and the wood flour to create linoleum granules.



Organic pigments and natural iron oxide take care of the colouration of the granules.



The fibres from the jute plant are used for the jute mesh carrier on which linoleum is calandered.





# THE **ART** OF **MANUFACTURING** MARMOLEUM

The art of making Marmoleum was mastered over a century ago, with only a handful of skilled craftsmen able to perfect the process of mixing, maturing and calendaring the raw materials used.

With over a 150 years of practice, Forbo has perfected this once handmade process, into a fully automated, lean and low energy production process which still contains the same foundations as Marmoleum did over a century ago.





Did you know that the weighted average of our Marmoleum product range is CO<sub>2</sub> neutral, cradle to gate, without offsetting?

The CO<sub>2</sub> produced in the extraction, transportation and manufacturing process of Marmoleum is balanced by the removal of CO<sub>2</sub> through the growing of its natural ingredients such as flax, jute and rosin.



CO<sub>2</sub> is absorbed in every annual crop of jute and flax plants that provide jute fibers and vegetable linseed oil.



not adding any CO<sub>2</sub>.



Our Marmoleum is produced in a modern, energy efficient environment.



All this results in a CO<sub>2</sub> neutral, natural, circular floor covering product.



Pine trees, larch trees and the cork oak absorb CO<sub>2</sub> during their lifetime and provide rosin, wood flour and cork granulate.





A MODERN **VERSATILE CHAMPION** 

The heritage of linoleum stretches for over 150 years. Since its conception, linoleum floor coverings have been seen as a contemporary, functional and durable solution for both public and private spaces. At Forbo we have developed linoleum into the Marmoleum brand, designing and producing modern beautiful floor covering solutions in over 300 colourways and more than 15 different design structures, available as roll, tile or plank varieties. This allows Marmoleum to be a versatile champion not only for public spaces like in healthcare or education facilities but also a beautiful sustainable solution for commercial floors in retail, office, leisure and hospitality.



























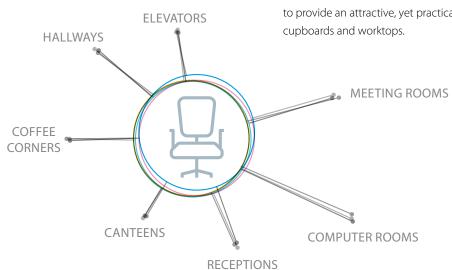


# MARMOLEUM AND **OFFICE SPACES**

Marmoleum is a beautiful sustainable flooring solution that fits the modern office space. Installed in iconic buildings in the UK and all over the world, Marmoleum provides the foundation for high-quality design and healthy indoor environments.

Marmoleum Modular, our linoleum plank and tile range, is ideal for office environments. Easy to store and install, Marmoleum Modular allows you to create individual and stunning floor designs.

Our Bulletin Board and Furniture Linoleum ranges co-ordinate to provide an attractive, yet practical solution for furniture, walls, cupboards and worktops.

















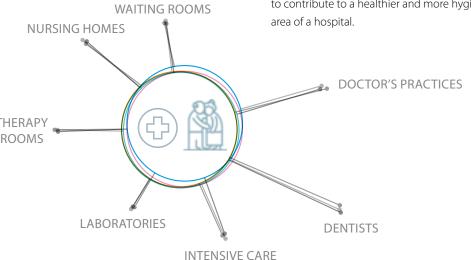




# MARMOLEUM FOR HEALTHCARE AND CURE ENVIRONMENTS

Hospitals, private clinics, aged care facilities and assisted living environments all benefit from using Marmoleum as a hygienic, natural bacteriostatic floor covering solution that is easy to clean and maintain as well as durable, safe and comfortable for both wheeled and foot traffic.

When it comes to infection control and stopping Hospital Acquired Infections (HAIs), what better place to start than from the flooring up? Marmoleum products are proven to inhibit the growth and spread of infections such as MRSA, Norovirus and C Difficile, helping to contribute to a healthier and more hygienic environment in any area of a hospital.









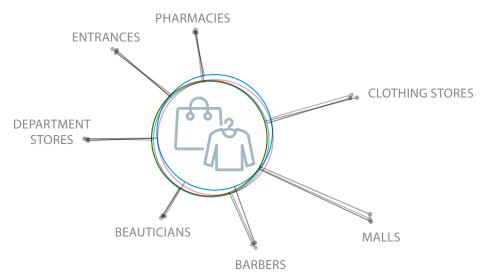


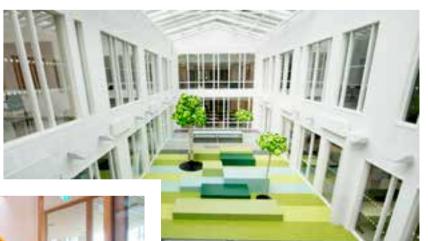
# MARMOLEUM AND THE RETAIL ENVIRONMENT

Marmoleum floors help create an exceptional brand and shopping experience. The vast array of colours and design options enhance the brand experience without compromising on the practical and functional demands of the high traffic retail environment, one that supports the sustainable footprint of the brand.













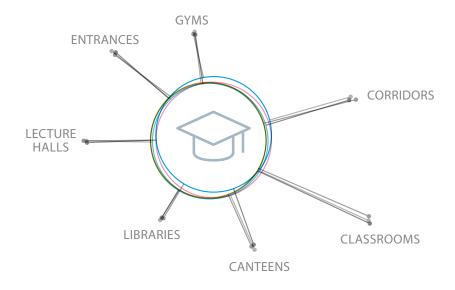




# MARMOLEUM AND **EDUCATION**

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

Created from natural, renewable materials, Marmoleum does not contain PVC or Phthalates providing a safe and low emitting floor. Marmoleum is also approved by Allergy UK as it does not harbour dust mites.



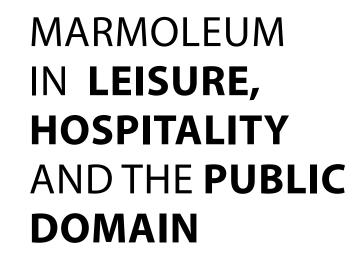




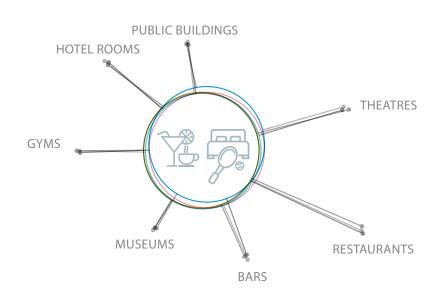


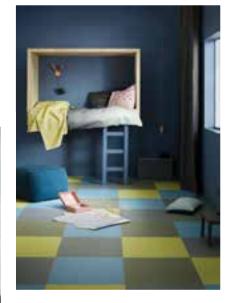


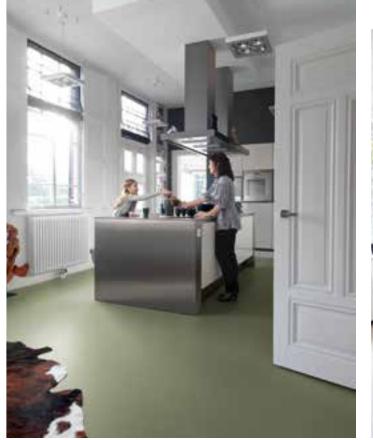




Everywhere where people meet, work, relax and play Marmoleum floor covering provides solutions for all those who are looking for a durable and sustainable floor covering that is easy to clean and maintain. The wide choice in collections, colours and designs in the Marmoleum ranges ensures that there is a fitting floor for every occasion.







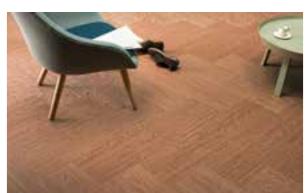




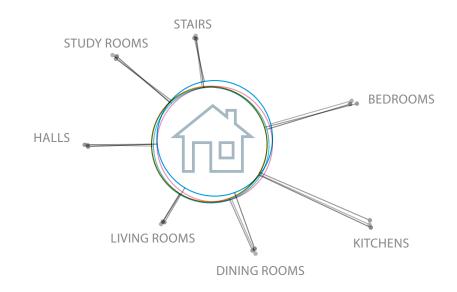
# MARMOLEUM **AT HOME**

Available in a wide choice of contemporary designs, easy to install and suitable for underfloor heating, Marmoleum Click & Marmoleum Tiles are a perfect choice for a home environment.











# MARMOLEUM **MARBLED**DEFINING NATURAL SPACES

The Marmoleum Marbled collection provides the largest colour bank in resilient flooring. With a beautiful array of structures and designs that connects the colours of the indoor space in a subtle and sophisticated manner. There are 5 marbled designs in this collection; they are:

#### Fresco

A strong palette of tone in tone colours creating a fresh, delicate and balanced aesthetic with a soft contrast and a refined marbled structure.

## Real

The 'royal' classic blend of carefully selected colours, developed to create choice and mixes of colour ranging from warm neutrals to calm greys as well as exciting brights and fashion shades.

#### Terra

A new design with a close and highly contrasting structure inspired by igneous rock types. It creates a sophisticated small scale marble with great soil hiding properties in an authentic colour mix.

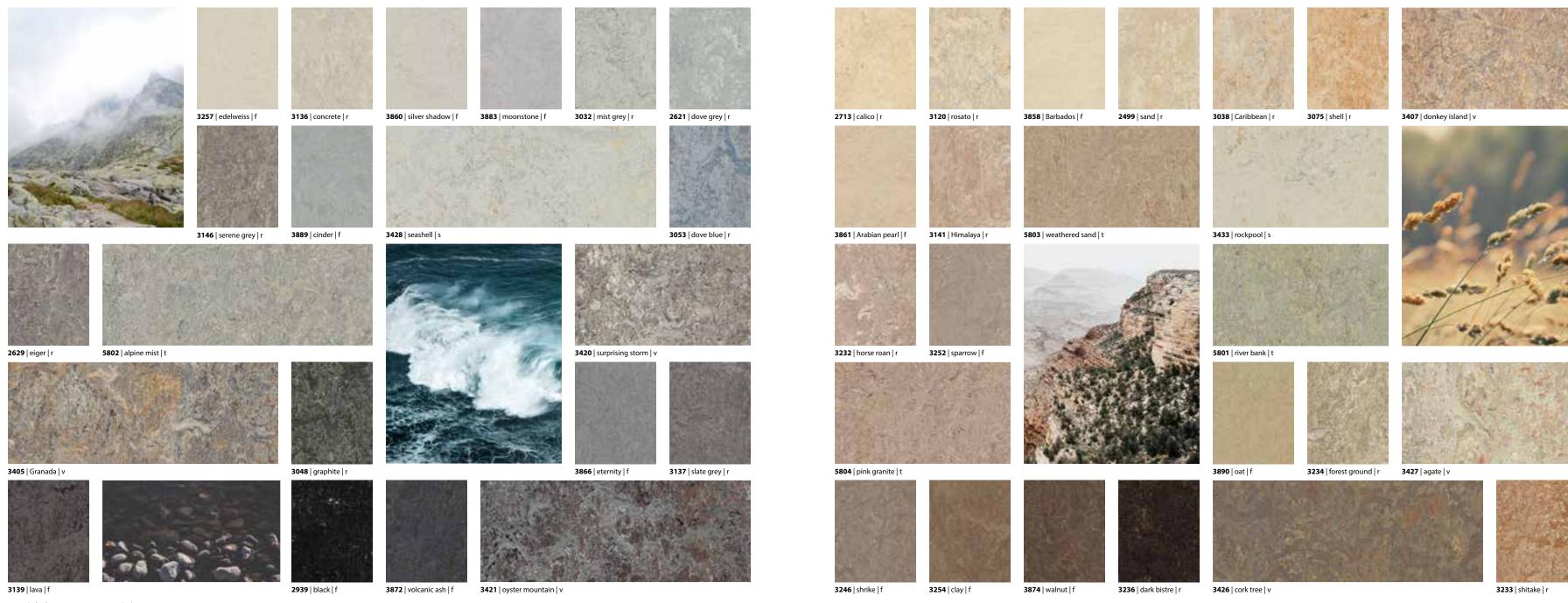
#### Vivace

Marmoleum's liveliest and most outspoken blend made with six to eight colours to create a chameleon floor that adapts well to a multitude of interiors.

## Splash

A new modern, playful design which, from a distance, appears a contemporary light grey solid floor with a slight nuance in tone, yet from up close it reveals surprising colours, offering great combinations of interior elements.

## marmoleum® marbled



r = real f = fresco v = vivace s = splash t = terra

# marmoleum® marbled



r = real f = fresco v = vivace s = splash t = terra



# MARMOLEUM **SOLID**DEFINING PURE SPACES

Marmoleum Solid is a collection of five distinctive individual textures that provide the foundation for creating pure distinctive, contemporary spaces. This Marmoleum collection is often seen as the most modern display of what linoleum is capable of. The five designs in the Solid collection are:

#### Cocoa

A completely new concept in Marmoleum. Upcycled cocoa husks have been added to create a visual random effect in a plain unicoloured surface.

## Walton

Named after Frederic Walton, the inventor of linoleum, the Walton range is a series of classic and contemporary solid uni colours that present linoleum in its purest form.

## Piano

A tone in tone scattered design which, when installed, resembles a uni colour, but with incremental overtime visual retention. The collection is made with both neutral as well as accent colours that all combine very well within the range.

### Concrete

A true to life series of concrete colours in modern warm and cool grey neutrals. The range is complemented by a series of 'shimmer and glow' colours that are subtly mixed with the grey base.

## Slate

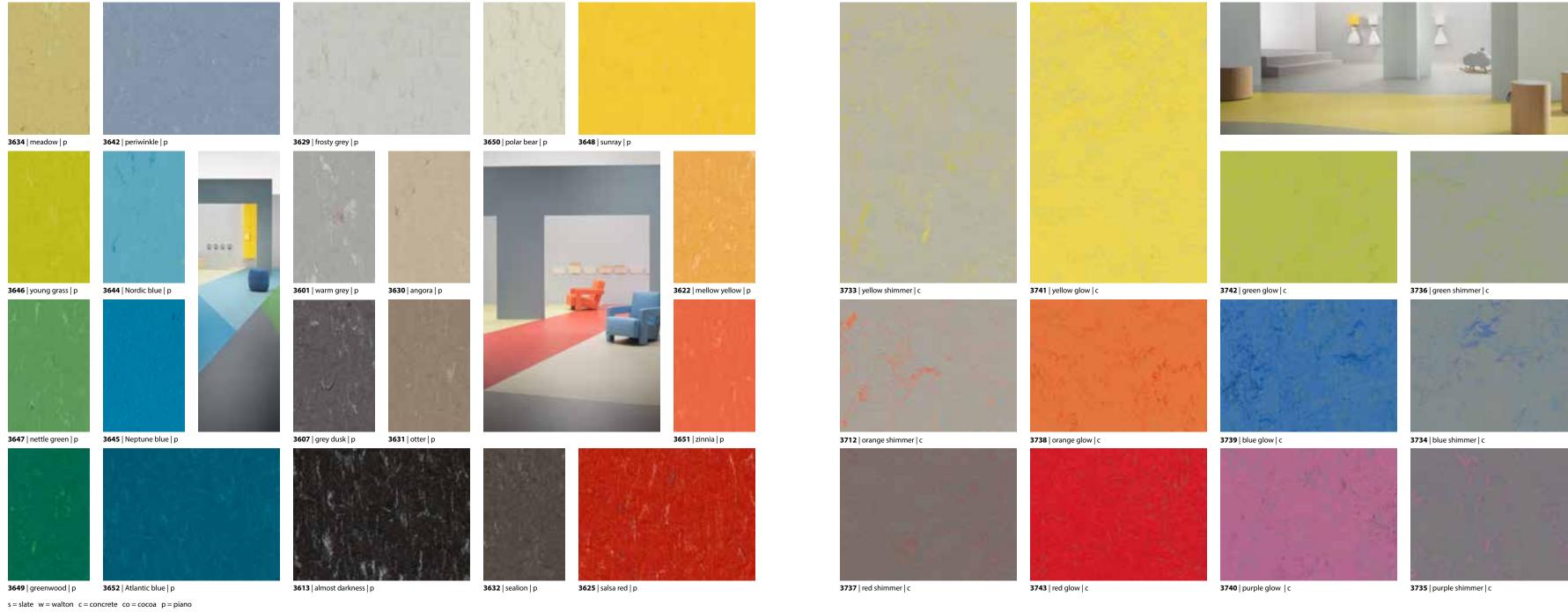
Inspired by the texture of natural slate stone bringing an extra dimension to the design. Marmoleum Slate offers five natural slate colours that come to life on your floor.

# marmoleum® solid



s = slate w = walton c = concrete co = cocoa p = piano

# marmoleum<sup>®</sup> solid





# MARMOLEUM **LINEAR**DEFINING SPACES

Under the brand name Marmoleum Striato, this linear collection presents itself as a contemporary linear design of natural colours in wood and stone as well as some modern accent colours perfect for zoning.

## **Striato Textura**

The original Striato wood designs have been enhanced with two exclusive embossing structures that follow the wood grain providing the linear design with an all over embossing structure.

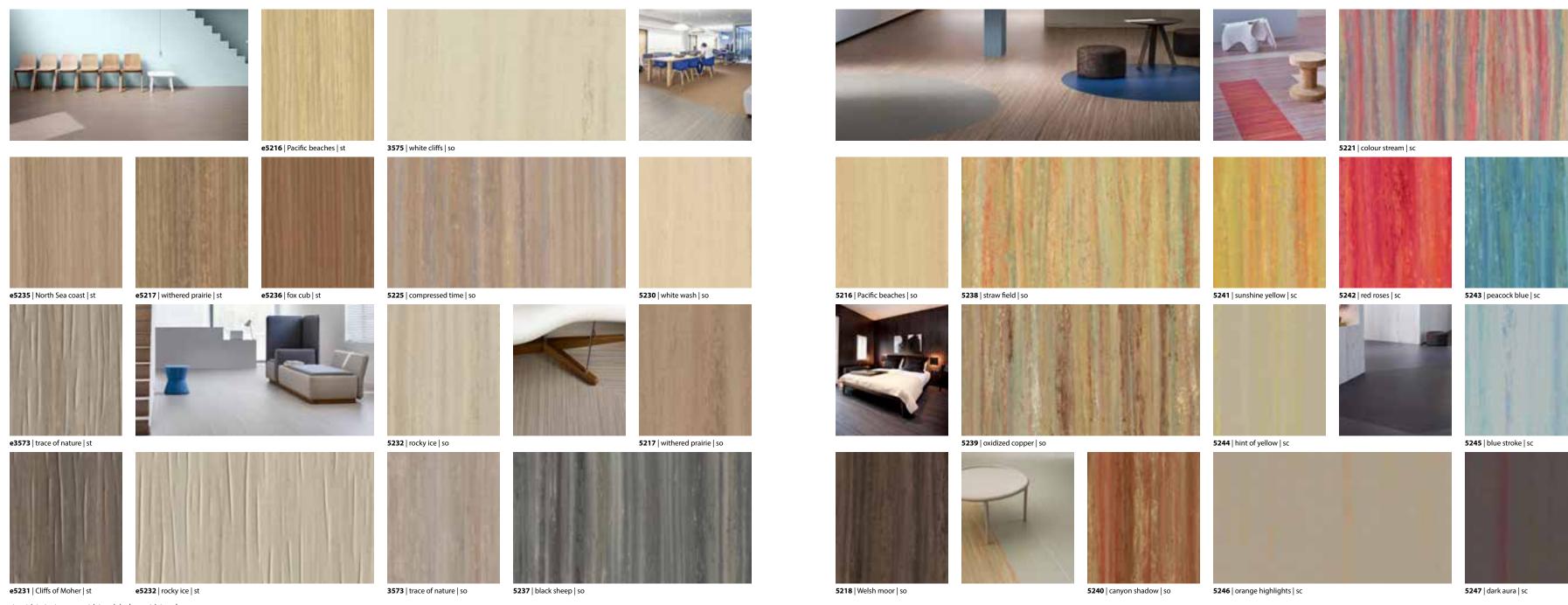
## **Striato Original**

The colours of natural wood and stone in shades of warm neutrals in fine nuances setting the stage for soft tone in tone floor designs with a random linear structure.

## **Striato Colour**

This collection celebrates the lively and outspoken colour palette of Marmoleum and shows how floors can create visual accents in a space or can be used as zoning elements.

# marmoleum<sup>®</sup> linear





# MODULAR MARMOLEUM CREATING YOUR OWN FLOOR

The planks and tiles in this collection are created around visuals of wood, concrete, stone and marble with additional accent colours. The designs are featured in a range of colour tones that be used to mix and match or on their own.

### Lines

The colours of natural wood and stone in shades of warm and cool neutrals presented in a range of colour tones that can be used on their own or combined to create a lively harmonious floor pattern of planks of  $100 \times 25 \, \text{cm}$ .

### **Lines Textura**

The Striato Original wood designs have been enhanced with two exclusive embossing structures that follow the wood grain providing the linear design with a deeply embossed wood inspired structure. For increased realism, each plank has a unique design.

### Slate

A very realistic random embossing of Marmoleum offers four natural slate colours in  $50 \times 50 \text{cm}$  tiles that come to life on your floor.

## Shade

A mixture of concrete and stone visuals that are available in  $50 \times 50 \text{cm}$  tiles or  $25 \times 50 \text{cm}$  brick format for creating realistic, solid looking floor designs.

## Marbled

A contemporary classic design where the colours are created to mix and match, creating subtle nuances in the tile floor as it is being designed.

## Colour

A traditional and classic Marmoleum tile offer which is ideal for use on its own but works equally well when mixed and matched with other ranges of this Marmoleum Modular collection.

# marmoleum® modular

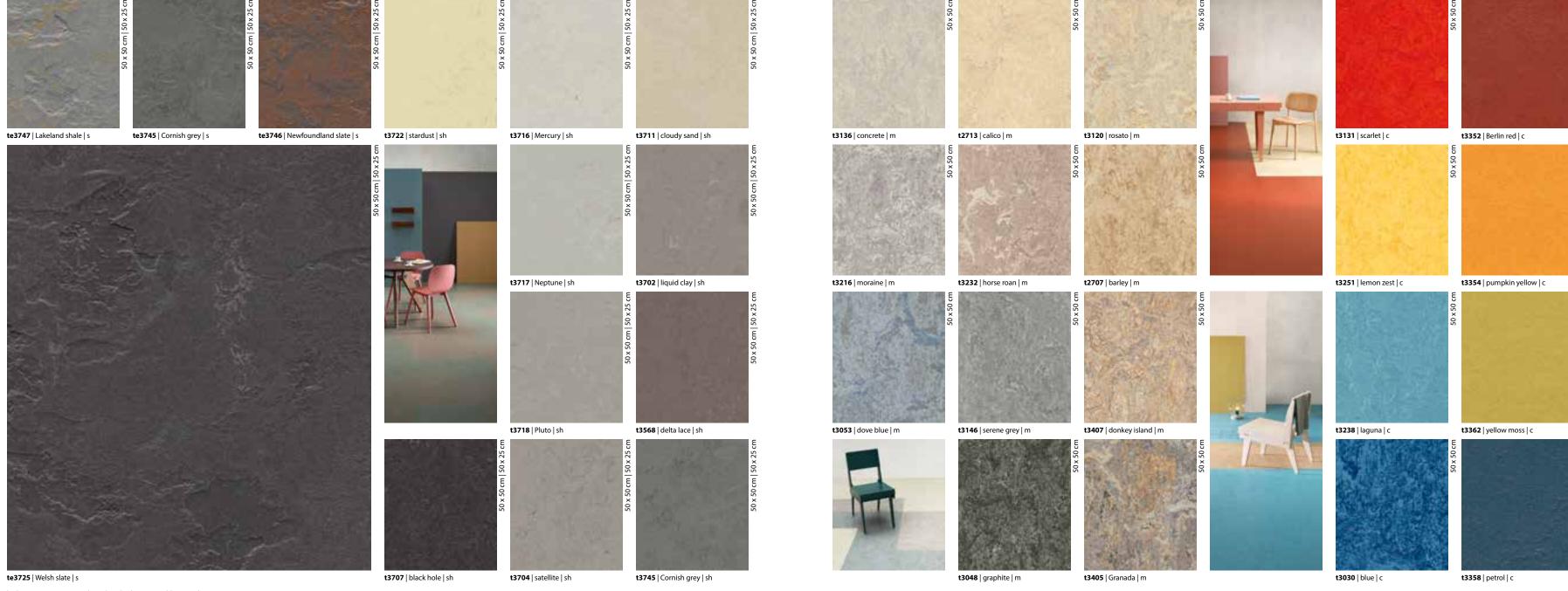




I = lines te = textura s = slate sh = shade m = marble c = colour

# marmoleum® modular





# furniture linoleum

# LINOLEUM SURFACES: BULLETIN BOARD AND FURNITURE LINOLEUM

Linoleum can be used for much more than just creating beautiful floors! Our Furniture Linoleum and Bulletin Board collections are linoleum surfaces which have a multitude of application possibilities.

Bulletin Board is a softer, slightly porous material.

Its properties mean it is ideal for use as a notice board as it has excellent pin hole recovery.

Furniture Linoleum is a special finely ground linoleum mixture which results in a very smooth tactile product, ideal for surfaces of furniture, cabinets, doors and all kinds of 3D objects.

Furniture Linoleum is praised for its aesthetic and tactile qualities This finely finished high quality linoleum creates matt, smooth hand-warm finishes to table tops, cabinets and other furniture. Furniture Linoleum is used by a number of large international global furniture manufacturers as well as by designer brands such as Artek and Hay.

bulletin board®



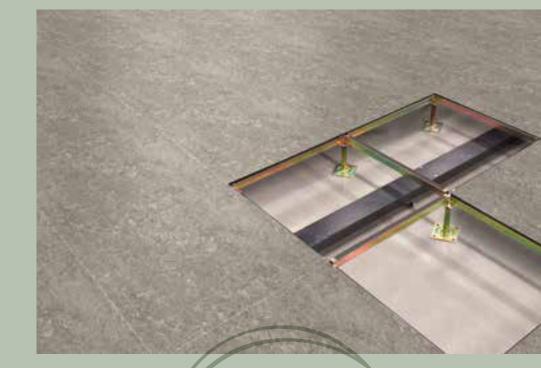
From the floor to the wall, Forbo
Bulletin Board is a linoleum surfacing
material that is ideal for walls and vertical
surfaces such as notice or pin boards. It is also
a functional sound absorbing aesthetic finish
for walls, doors or cabinets and is available in
framed formats. Its bacteriostatic properties
make it ideal for patient rooms and
nurses' quarters.



# **ELECTRICAL** RESISTANCE

Marmoleum Ohmex is a static dissipative floor covering that meets higher requirements for electrical conductivity. With an electrical resistance of 1-10<sup>6</sup> < R1 < 1-10<sup>9</sup> Ohm, conforming to EN 1081, Ohmex ensures personal safety and protects equipment that is sensitive to static discharge. Ideal for computer rooms, server rooms and areas with sensitive equipment. Marmoleum Ohmex is 2.5 mm thick and available in six colours.





Pre-cut panels sized
61x 61 cm of all Marmoleum
colours can be made for raised
access floor manufacturers. These are
available on request and minimum order
quantities and lead times apply. Please
contact your local sales manager for
more information.

# APPEARANCE RETENTION & CLEANING AND MAINTENANCE

Depending on the application and usage, chosen colour and desired appearance, the cleaning and maintenance required will differ. Guidelines how to best clean and maintain, either by hand or using a machine can be found on our website www.forbo-flooring.co.uk, or call your local Forbo representative.

Topshield is Forbo Floorings' high performance UV-finish which is applied to all Marmoleum floor coverings. Topshield resists staining, scuffing and scratching for lasting appearance retention and provides for easy cleaning and maintenance at lower intervals.

# top**shield**2

Marmoleum is known for its versatility and durability. With the correct cleaning and maintenance, it can last up to 30 years or even longer. Marmoleum floors have a proven track record, with millions of m² installed on a yearly basis.

One very specific and unique characteristic of linoleum is its natural antibacterial properties that are inherent to the use of linseed oil and rosin as raw materials. Third party laboratory research\* shows that Marmoleum restrains and reduces the activity of common bacteria including Ecoli and MRSA, thus enhancing the hygienic performance of the floor.

\* Industrial Microbiological Services Ltd. UK

2010

# CORAL ENTRANCE FLOORING, A COMPLEMENT TO YOUR PROJECT



# GREAT LOOKING SEAMS

With a correct Marmoleum installation you will have a water-resistant floor – one that can be cleaned with water, even when not welded.

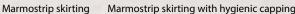
If there is no specific requirement to weld, you can save time and installation cost by opting for a net fit seam installation. You can find more information on our website: www.forbo-flooring.co.uk/netfit

Marmoleum does not shrink over time when properly installed. That means welding, in the majority of cases, is not required. Skilled installers can make perfect joints without using a welding cord.

In those cases where a welding rod is still required due to local regulations or simply tradition, there are matching welding rods available for every Marmoleum design. The best matching welding rod has been selected in either uni or multi coloured structure. The new Marmoweld provides a best in class welding rod solution for cleanability.

# FINISHING TOUCH

When areas demand hygienic and watertight floor to wall installation, coving offers an elegant solution that can be made with the help of a cove forming strip. The Forbo range of pre-formed Marmoform coving and innerand outer-corners are an ideal alternative. The strong pre-formed coving is easy to install and when welded to the linoleum floor creates a smooth transition that eliminates dirt traps.





Marmoform coving and corners

Skirtings provide a functional as well as attractive junction between floor and wall. For all Marmoleum colours, a matching wall skirting provides a finishing touch to any installation.

All Marmoform and Marmostrip solutions can be supplied with or without a hygienic or decorative aesthetic top edge capping.





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