



*Discover linoleum,*  
LOVE MARMOLEUM

creating better environments

**Forbo**  
FLOORING SYSTEMS



# MAGNIFICENT MARMOLEUM

Marmoleum is Forbo's brand for linoleum floor covering. Linoleum is a specific and very special category with the so-called resilient floor covering sector. What makes linoleum different is that it is made from natural raw materials and has a wide range of characteristics that is not found with any other floor covering. In this brochure we aim to inspire you and explain why Marmoleum deserves a place in your next project.



## CONTENT

<b>THE MARMOLEUM STORY</b> .....	<b>4</b>	<b>COLLECTIONS</b>	
		Marmoleum Marbled .....	<b>28</b>
		Marmoleum Solid .....	<b>34</b>
<b>SEGMENTS</b> .....	<b>14</b>	Marmoleum Linear .....	<b>40</b>
		Marmoleum Modular .....	<b>44</b>
Office .....	<b>16</b>	Marmoleum Click .....	<b>50</b>
Healthcare .....	<b>18</b>	Marmoleum Sport .....	<b>51</b>
Retail .....	<b>20</b>	Furniture Linoleum .....	<b>52</b>
Education .....	<b>22</b>	Bulletin Board .....	<b>53</b>
Leisure, hospitality and public domain .....	<b>24</b>	Special flooring solutions .....	<b>54</b>
At home .....	<b>26</b>	Great looking seams .....	<b>62</b>
		The finishing touch .....	<b>63</b>

## TECHNICAL INFORMATION

Collection overviews .....	<b>64</b>
Technical tables .....	<b>68</b>

# THIS IS **WHERE WE GROW** MARMOLEUM

The production of Marmoleum is a truly fascinating journey, one that starts here on the flax fields in Europe and Asia. Flax is a versatile plant that produces fibers and seeds that serve as raw materials in various industries. For linoleum we press linseed oil out of the seeds and use it as a main ingredient for our Marmoleum floors. What remains of the seed is used as animal feed. Flax is an annual crop and can be harvested as long as the sun shines and rain falls and as such, it is the most sustainable start of any floor covering you could wish for.



# PURE NATURE



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



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.

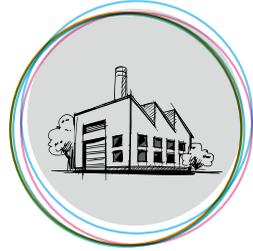


Organic pigments and natural iron oxide take care of the colouration of the granules.



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





# THE ART OF MANUFACTURING MARMOLEUM

The craft of making Marmoleum originates from the 19<sup>th</sup> century. Making linoleum was literally a handmade process, one in which the mixing, maturing and calandering of the raw materials was a trade mastered by few.

Forbo has been a driving force in developing the linoleum production process into a lean, automated and low energy consuming operation. We are proud of our experts as much as they take pride in creating every piece of Marmoleum.





# DISCOVERING THE GREEN ROAD

Your environment benefits from using Marmoleum, not just because you are using a floor covering that is made from natural raw materials, which means that you are literally bringing nature inside, but you also benefit from a floor that is contributing to a healthy indoor environment as Marmoleum offers a floor that is hygienic and has natural anti-bacterial properties. Forbo's Marmoleum has been awarded a large array of international environmental certificates such as the Nordic Swan, the Blue Angel and Nature Plus. In addition Marmoleum floor covering improves the environmental and well-being score in building rating schemes such as LEED, Bream and the Well building standard.

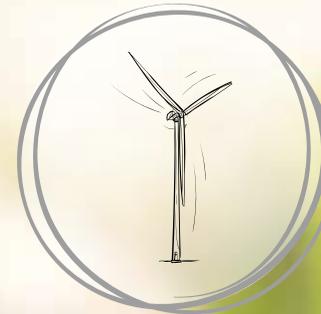


# A BONUS FOR THE ENVIRONMENT

There is one more good reason to take an interest in Marmoleum floor coverings for your indoor space. You are choosing a floor that is CO<sub>2</sub> neutral, by nature. The raw materials used for creating Marmoleum have absorbed an amount of CO<sub>2</sub> during the time the plants, trees and crops matured, matured which exceeds the amount of CO<sub>2</sub> that is emitted during the production process of the product. Each square meter of Marmoleum 2.5 mm sheet delivers a bonus to the environment and helps to reduce CO<sub>2</sub> emissions.



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



We produce with 100% green electricity derived from the sun and wind, 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.



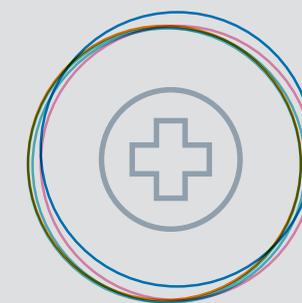
Pine trees, larch trees and the cork oak collect CO<sub>2</sub> during their lifetime and provide rosin, wood flour and cork granulate.





# A MODERN **VERSATILE** CHAMPION

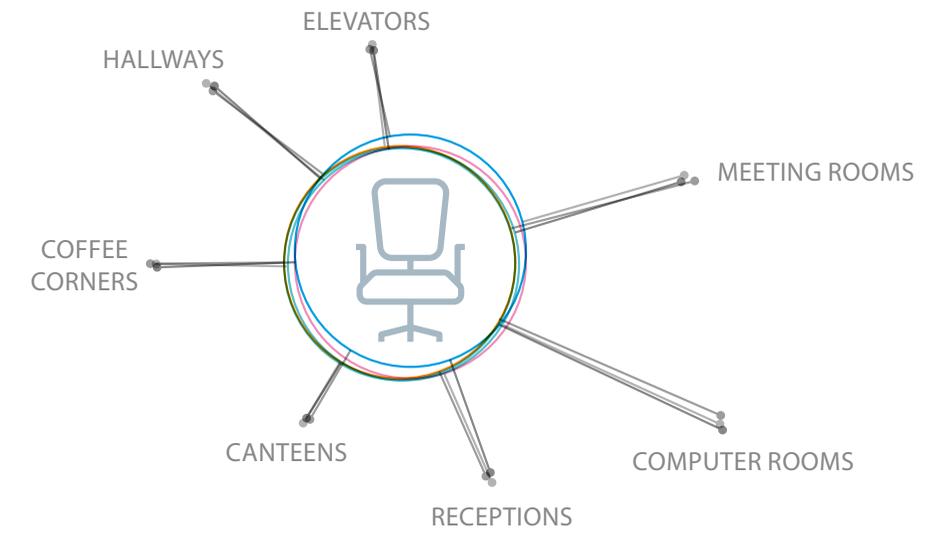
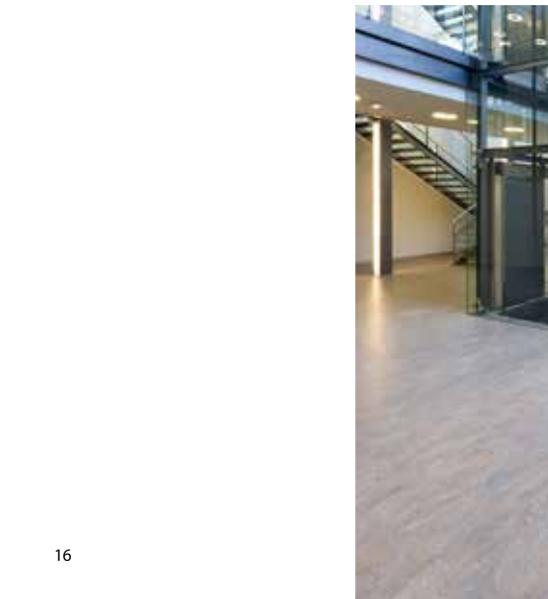
The heritage of linoleum stretches for over 150 years. Since its conception, linoleum floor coverings have been seen as a contemporary, functional and durable solution for both public and private spaces. At Forbo we have developed linoleum into the Marmoleum brand, designing and producing modern beautiful floor covering solutions in over 200 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

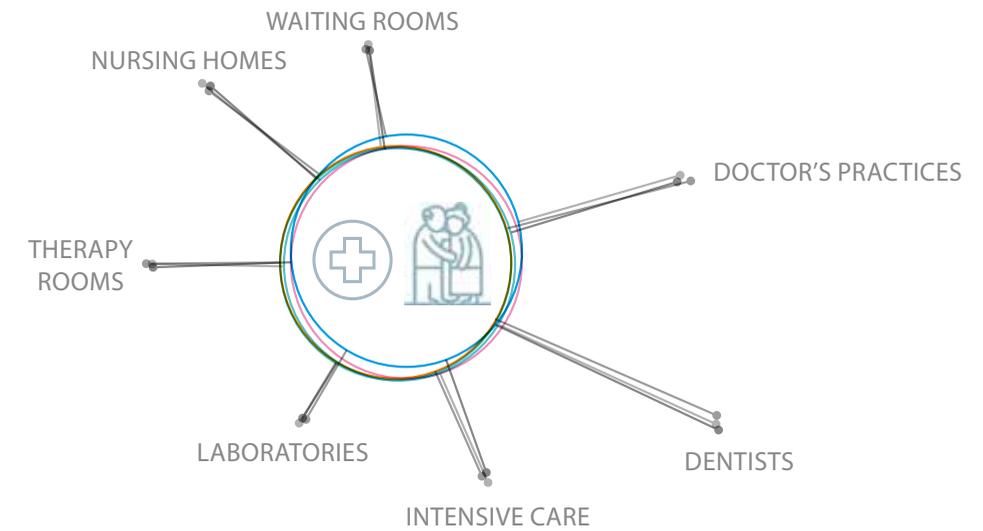
Natural light and colour have entered the workspace, creating pleasing and creative surroundings. The Marmoleum ranges create serene and stylish environments that fit the modern office space. Matching linoleum Bulletin Board and Furniture Linoleum can provide modern and functional accents for an efficient working environment.

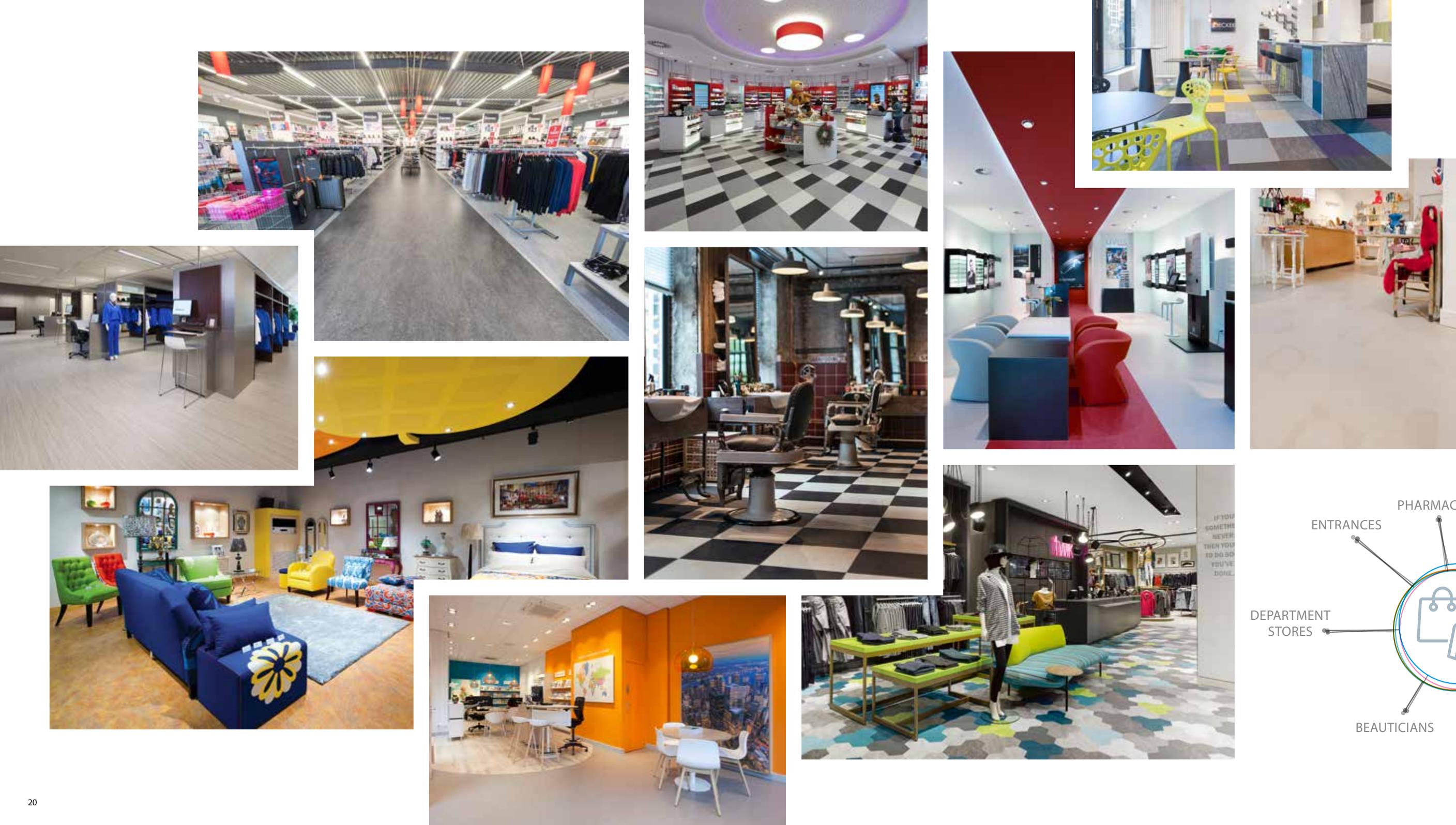




# MARMOLEUM FOR HEALTHCARE AND CURE ENVIRONMENTS

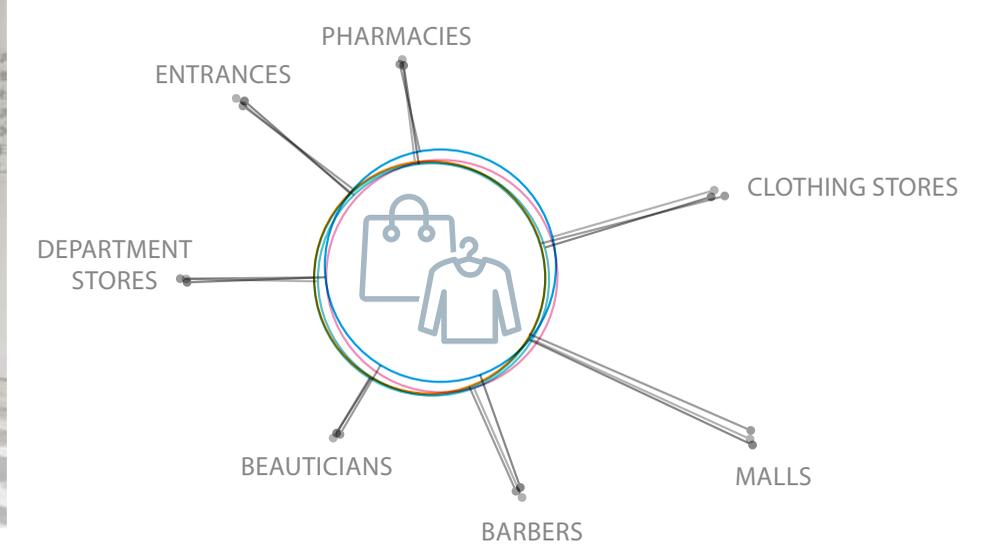
To the present day Marmoleum is chosen as the desired flooring solution for healthcare and cure environments. Hospitals, private clinics, aged care facilities and assisted living environments all benefit from using Marmoleum as a hygienic, natural bacteriostatic floor covering solution that is easy to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





# MARMOLEUM AND THE RETAIL ENVIRONMENT

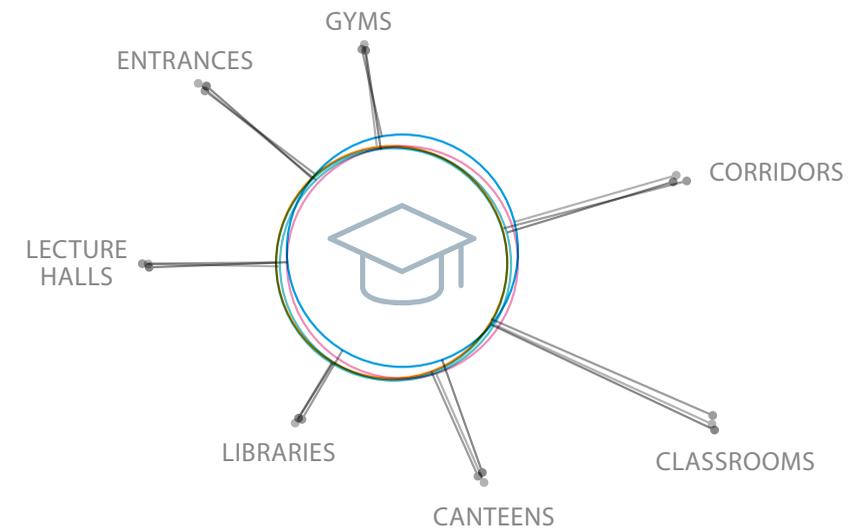
Marmoleum floors help create an exceptional brand and shopping experience. The vast array of colours and design options enhance the brand experience without compromising on the practical and functional demands of the high traffic retail environment, one that supports the sustainable footprint of the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

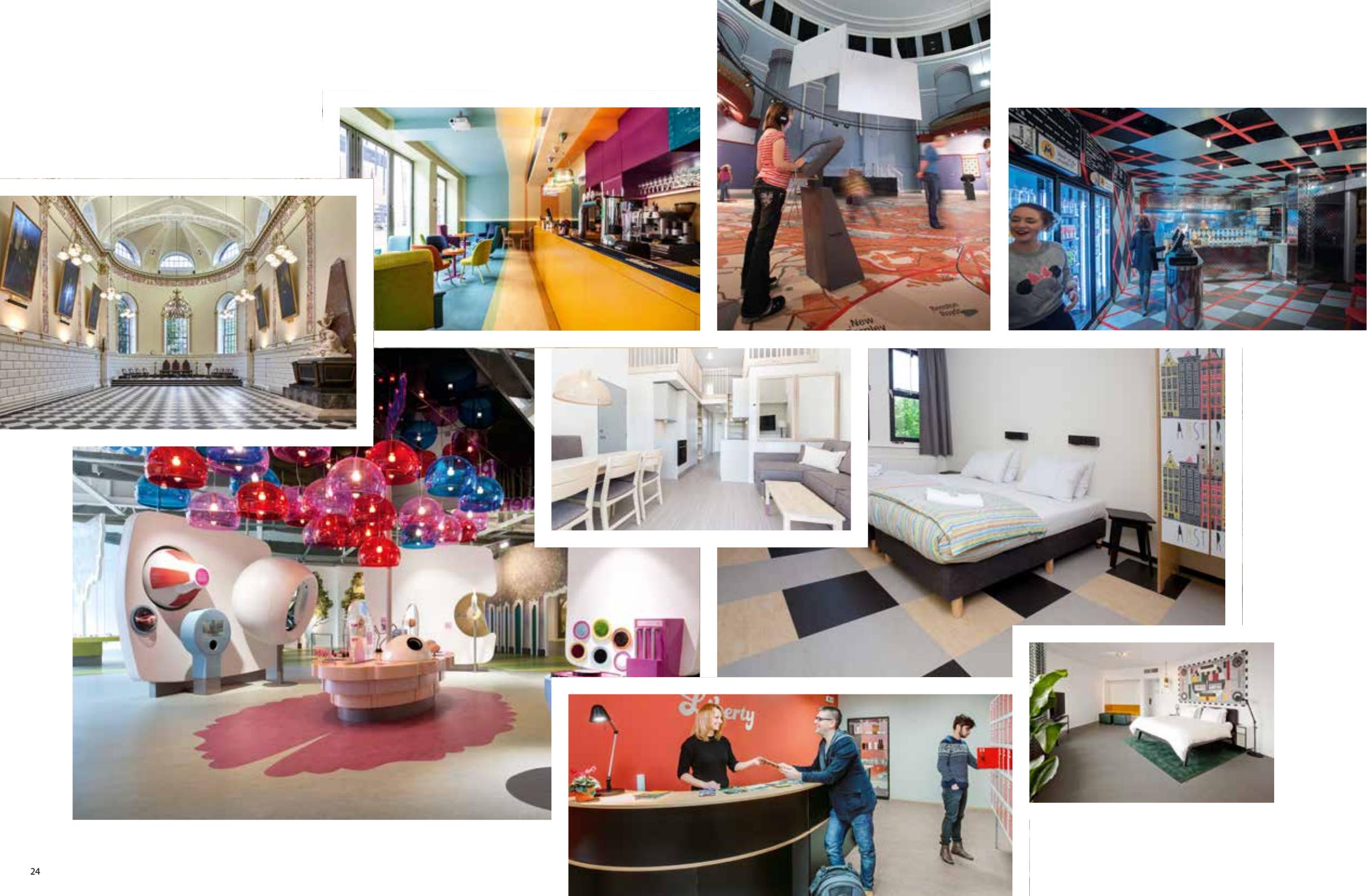




# MARMOLEUM CARING FOR YOUR EDUCATION

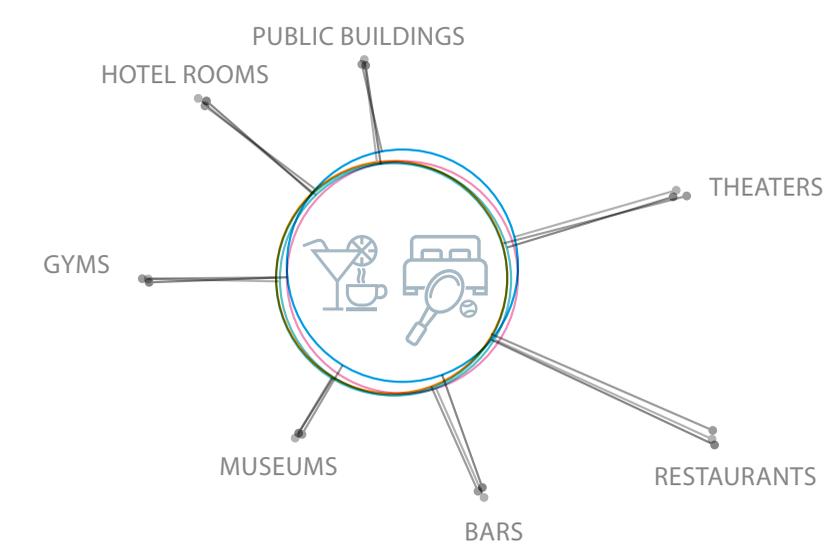
From a child's first footsteps in a nursery or kindergarten right through to their primary and secondary education all the way to university, Marmoleum floor covering will follow them, whether in their classroom, auditorium, sports hall or faculty library, providing solid, durable and hygienic floor covering as the basis for their education.





# MARMOLEUM IN LEISURE, HOSPITALITY AND THE PUBLIC DOMAIN

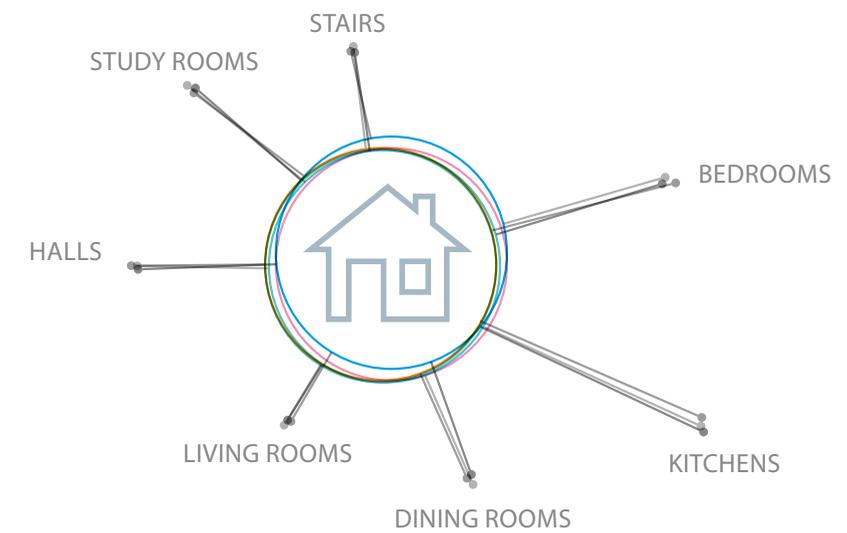
Everywhere where people meet, work, relax and play Marmoleum floor covering provides solutions for all those who are looking for a durable and sustainable floor covering that is easy to clean and maintain. The wide choice in collections, colours and designs in the Marmoleum ranges ensures that there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





# MARMOLEUM AT HOME

Marmoleum floors follow domestic trends where not only nature is brought inside but where solid neutral uni-colours in concrete and wood designs provide a basis for modern interiors. Suitable for underfloor heating and easy in use, Marmoleum also is a perfect hassle-free solution for the home environment.





marmoleum<sup>®</sup> marbled

## MARMOLEUM **MARbled** DEFINING NATURAL SPACES

---

The Marmoleum Marbled collection provides the largest colour bank in resilient flooring, 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



3257 | edelweiss | f



3136 | concrete | r



3860 | silver shadow | f



3883 | moonstone | f



3032 | mist grey | r



2621 | dove grey | r



3146 | serene grey | r



3889 | cinder | f



3428 | seashell | s



3053 | dove blue | r



2629 | eiger | r



5802 | alpine mist | t



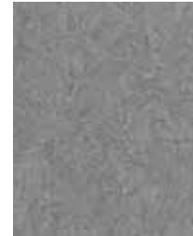
3420 | surprising storm | v



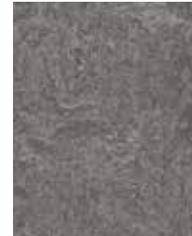
3405 | Granada | v



3048 | graphite | r



3866 | eternity | f



3137 | slate grey | r



3139 | lava | f



2939 | black | f



3872 | volcanic ash | f



3421 | oyster mountain | v



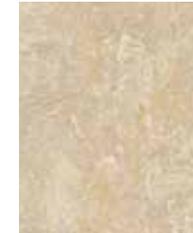
2713 | calico | r



3120 | rosato | r



3858 | Barbados | f



2499 | sand | r



3038 | Caribbean | r



3075 | shell | r



3407 | donkey island | v



3861 | Arabian pearl | f



3141 | Himalaya | r



5803 | weathered sand | t



3433 | rockpool | s



3232 | horse roan | r



3252 | sparrow | f



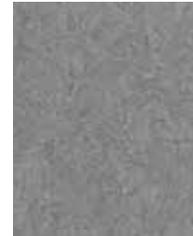
5801 | river bank | t



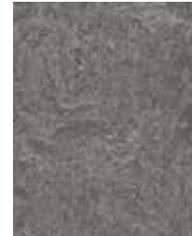
3405 | Granada | v



3048 | graphite | r



3866 | eternity | f



3137 | slate grey | r



5804 | pink granite | t



3890 | oat | f



3234 | forest ground | r



3427 | agate | v



3233 | shitake | r



3139 | lava | f



2939 | black | f



3872 | volcanic ash | f



3421 | oyster mountain | v



3246 | shrike | f



3254 | clay | f



3874 | walnut | f



3236 | dark bistre | r



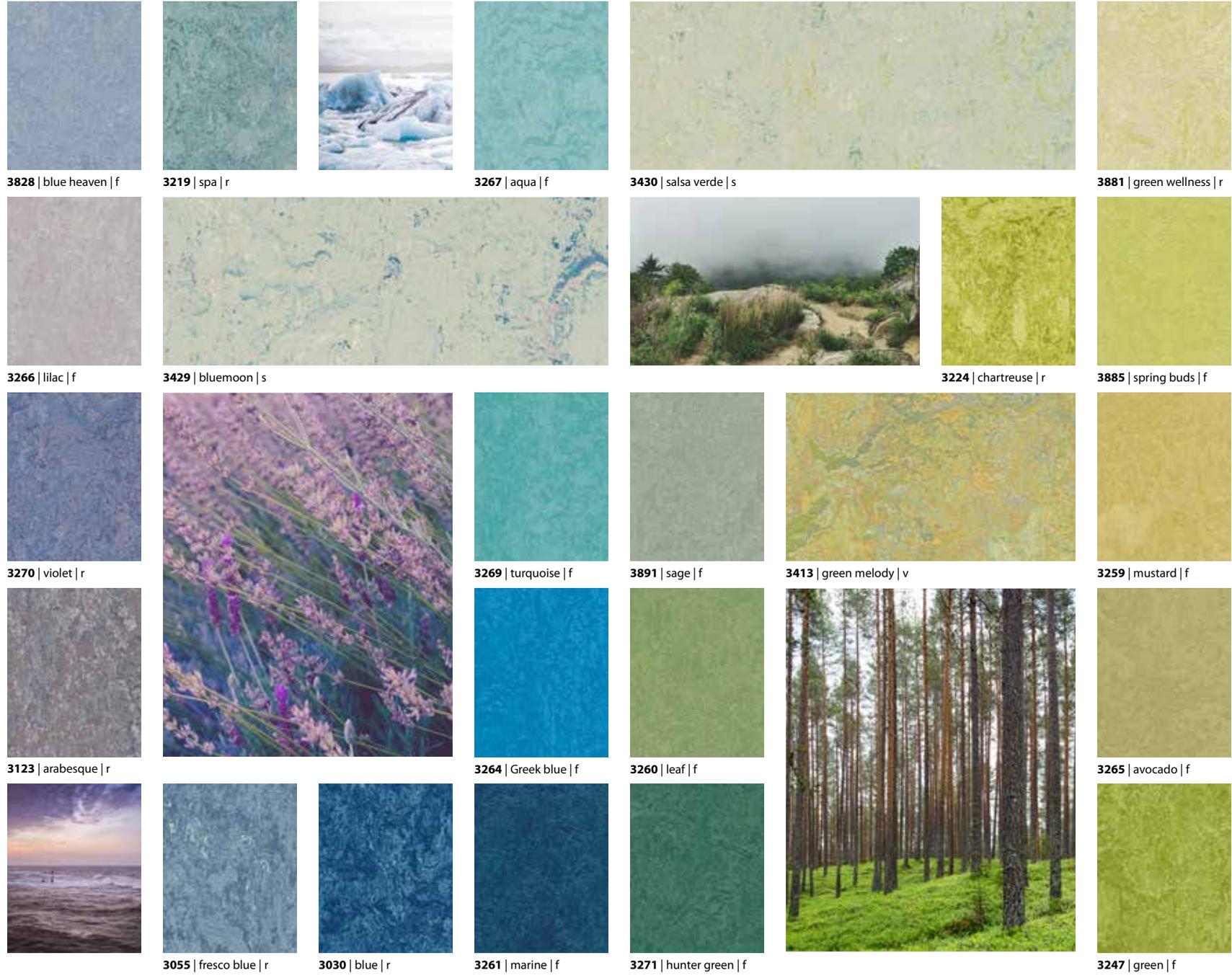
3426 | cork tree | v



3233 | shitake | r

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

marmoleum® marbled



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





marmoleum® solid

## 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 Cocoa range in the Solid collection has been awarded the iF Design award. 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



e3746 | Newfoundland | s



e3747 | Lakeland shale | s



171 | cement | w



3369 | titanium | w



3370 | terracotta | w



3352 | Berlin red | w



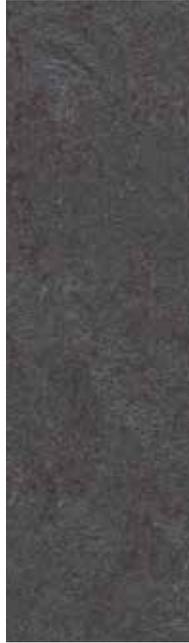
3360 | vintage blue | w



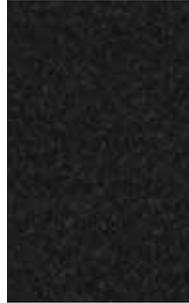
3358 | petrol | w



e3745 | Cornish grey | s



e3725 | Welsh slate | s



123 | black



173 | paving | w



186 | lead | w



3367 | alloy | w



3355 | rosemary green | w



3359 | bottle green | w



e3707 | Highland black | s



3368 | grey iron | w



3363 | lilac | w



3353 | eggplant purple | w



3706 | beton | c



3724 | orbit | c



3701 | moon | c



3711 | cloudy sand | c



3726 | Venus | c



3584 | white chocolate | co



3732 | asteroid | c



3729 | mica | c



3728 | kaolin | c



3708 | fossil | c



3703 | comet | c



3704 | satellite | c



3731 | flux | c



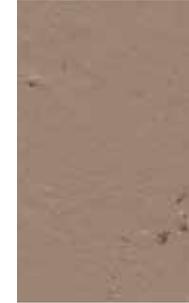
3705 | meteorite | c



3702 | liquid clay | c



3727 | drift | c



3580 | milk chocolate | co



3582 | earl grey chocolate | co



3707 | black hole | c



3725 | cosmos | c



3723 | nebula | c



3730 | Stella | c



3568 | delta lace | c



3709 | silt | c



3581 | dark chocolate | co



3583 | chocolate blues | co

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

# marmoleum® solid



3634 | meadow | p



3642 | periwinkle | p



3629 | frosty grey | p



3650 | polar bear | p



3648 | sunray | p



3646 | young grass | p



3644 | Nordic blue | p



3601 | warm grey | p



3630 | angora | p



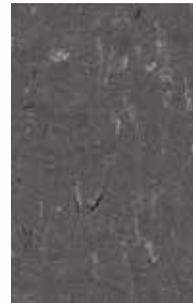
3622 | mellow yellow | p



3647 | nettle green | p



3645 | Neptune blue | p



3607 | grey dusk | p



3631 | otter | p



3651 | zinnia | p



3649 | greenwood | p



3652 | Atlantic blue | p



3613 | almost darkness | p



3632 | sealion | p



3625 | salsa red | p



3733 | yellow shimmer | c



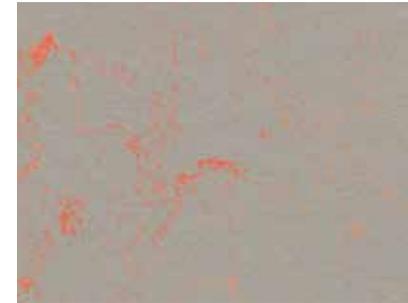
3741 | yellow glow | c



3742 | green glow | c



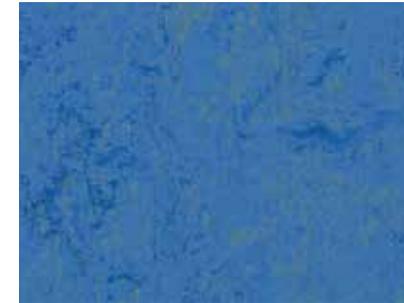
3736 | green shimmer | c



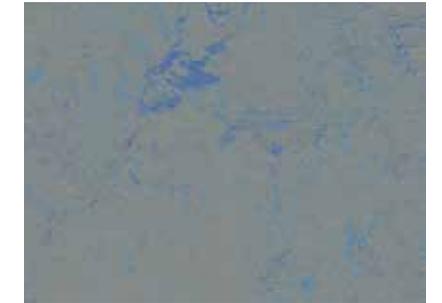
3712 | orange shimmer | c



3738 | orange glow | c



3739 | blue glow | c



3734 | blue shimmer | c



3737 | red shimmer | c



3743 | red glow | c

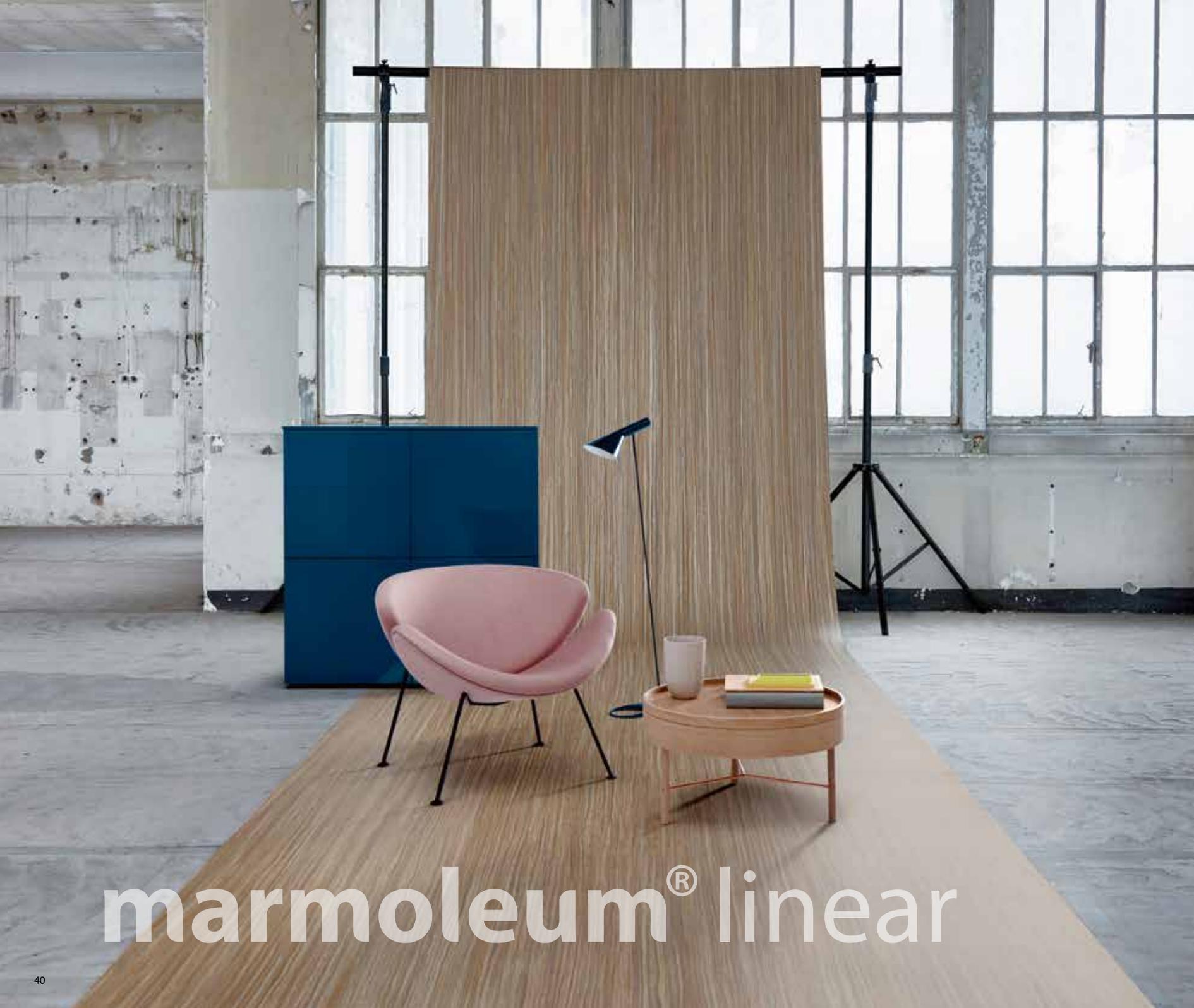


3740 | purple glow | c



3735 | purple shimmer | c

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



marmoleum® linear

## 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® linear



e5216 | Pacific beaches | st

3575 | white cliffs | so

5221 | colour stream | sc



e5235 | North Sea coast | st

e5217 | withered prairie | st

e5236 | fox cub | st

5225 | compressed time | so

5230 | white wash | so

5216 | Pacific beaches | so

5238 | straw field | so

5241 | sunshine yellow | sc

5242 | red roses | sc

5243 | peacock blue | sc



e3573 | trace of nature | st

5232 | rocky ice | so

5217 | withered prairie | so

5239 | oxidized copper | so

5244 | hint of yellow | sc

5245 | blue stroke | sc



e5231 | Cliffs of Moher | st

e5232 | rocky ice | st

3573 | trace of nature | so

5237 | black sheep | so

5218 | Welsh moor | so

5240 | canyon shadow | so

5246 | orange highlights | sc

5247 | dark aura | sc

st = striato textura so = striato original sc= striato colour



marmoleum® modular

## 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. The slate and the lines designs in this collection have been awarded with both the iF product award as well as the Red Dot design award.

### 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 its own or combined to create a lively harmonious floor pattern of planks of 100x25 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 50x50 cm tiles that come to life on your floor.

### Shade

A mixture of concrete and stone visuals that are available in 50x50 cm tiles or 25x50 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.



t5232 | rocky ice | l



t3573 | trace of nature | l



t5231 | Cliffs of Moher | l



t5230 | white wash | l



t5225 | compressed time | l



te5230 | white wash | te



te5235 | North Sea coast | te



te5217 | withered prairie | te



t3575 | white cliffs | l



t5226 | grey granite | l



t5237 | black sheep | l



t5235 | North Sea coast | l



t5217 | withered prairie | l



t5218 | Welsh moor | l



te5229 | fresh walnut | te



te5218 | Welsh moor | te

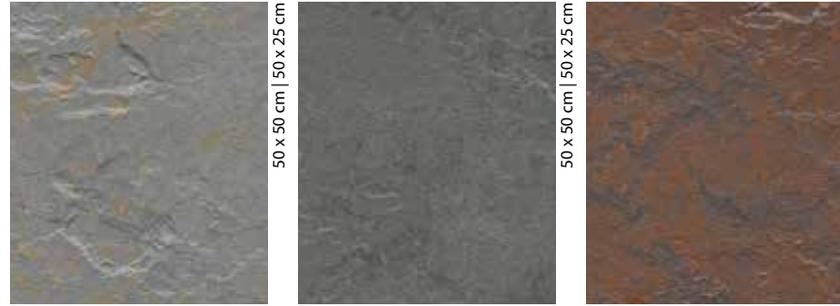


te5231 | Cliffs of Moher | te

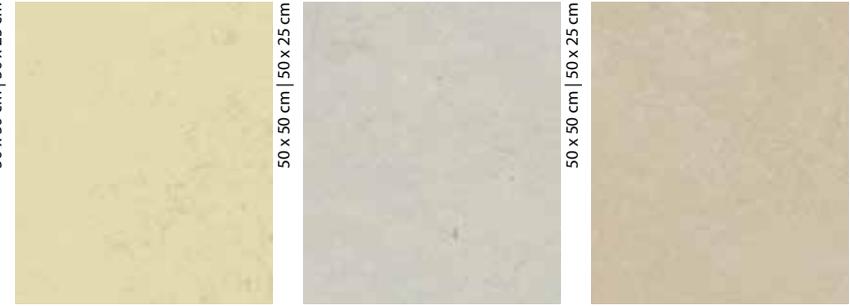


te3573 | trace of nature | te

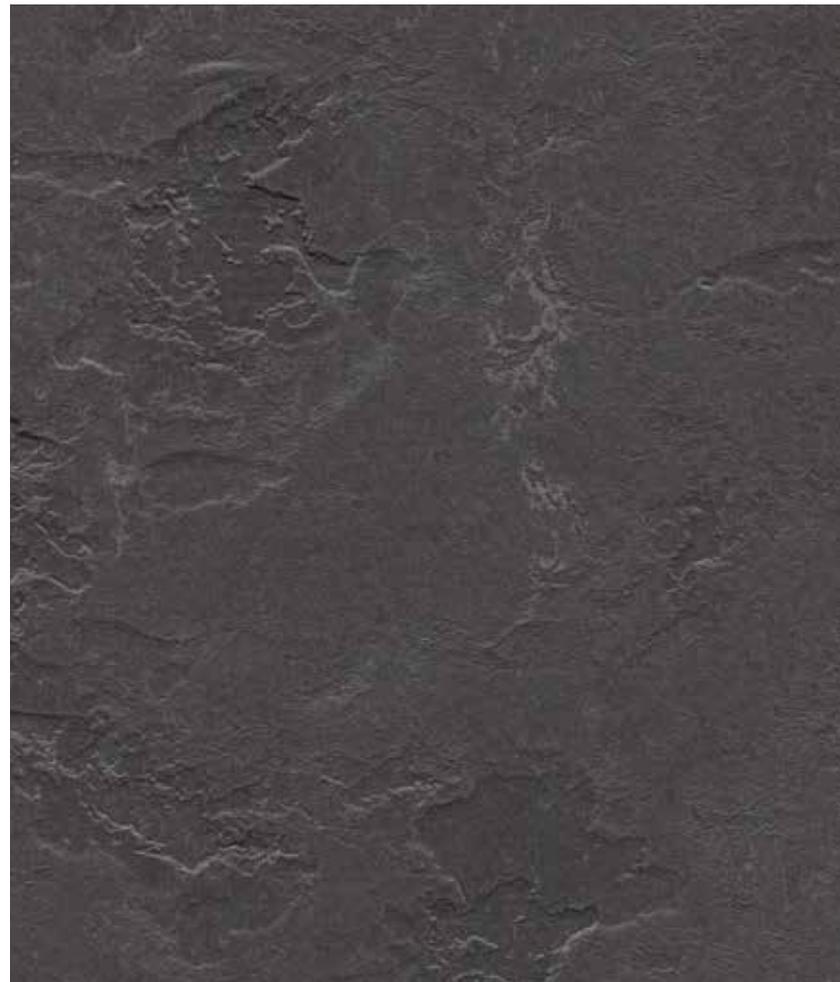
l = lines te = textura s = slate sh = shade m = marble c = colour



te3747 | Lakeland shale | s    te3745 | Cornish grey | s    te3746 | Newfoundland slate | s



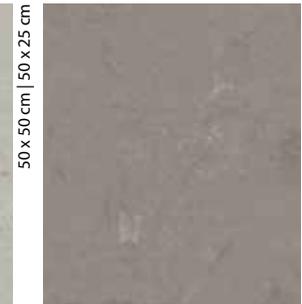
t3722 | stardust | sh    t3716 | Mercury | sh    t3711 | cloudy sand | sh



te3725 | Welsh slate | s



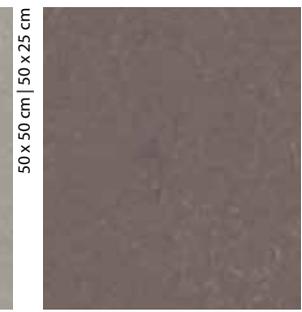
t3717 | Neptune | sh



t3702 | liquid clay | sh



t3718 | Pluto | sh



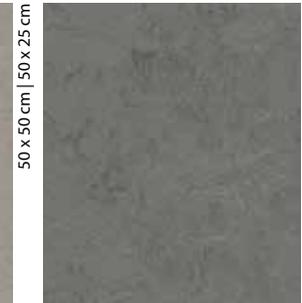
t3568 | delta lace | sh



t3707 | black hole | sh



t3704 | satellite | sh



t3745 | Cornish grey | sh



t3136 | concrete | m



t2713 | calico | m



t3120 | rosato | m



t3216 | moraine | m



t3232 | horse roan | m



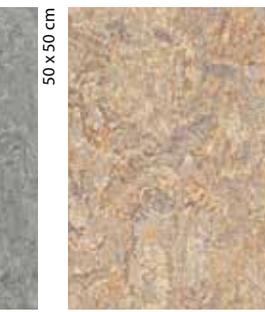
t2707 | barley | m



t3053 | dove blue | m



t3146 | serene grey | m



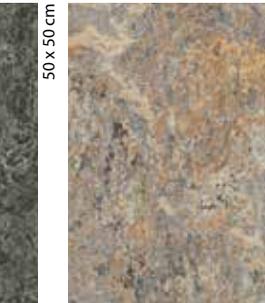
t3407 | donkey island | m



t3048 | graphite | m



t3405 | Granada | m



t3030 | blue | c



t3131 | scarlet | c



t3352 | Berlin red | c



t3251 | lemon zest | c



t3354 | pumpkin yellow | c



t3238 | laguna | c



t3362 | yellow moss | c



t3358 | petrol | c



t3358 | petrol | c

# marmoleum® click

Marmoleum Click offers a range of easy to install Marmoleum panels. They are made from a high density fiber board and connected with sound absorbing cork backing and a specially developed patented click system for ease of fitting and seamless finish. This natural Marmoleum floor covering is easy to install and delivers endless design possibilities. Marmoleum Click is available in various plank sizes and a contemporary range of colours. Marmoleum Click can be used in professional environments as well as in the home.



# marmoleum® sport

THE NATURAL WINNER



Marmoleum Sport floorcovering can be used for general purpose gym and sports halls. Often when Marmoleum Sport is used it is applied on professional wood spring floor systems in such a way that it meets the required standards for professional indoor sports.



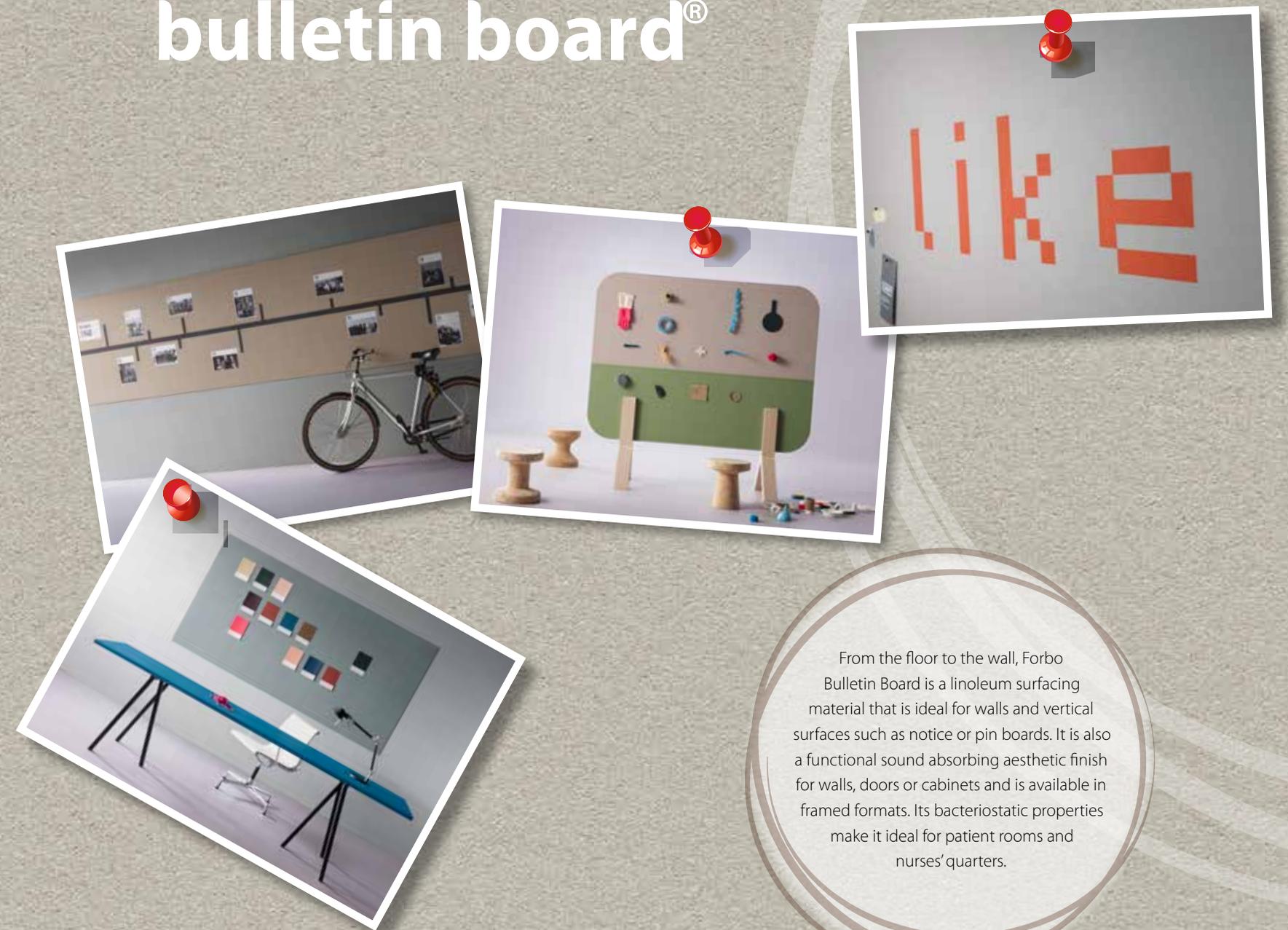
# furniture linoleum

## LINOLEUM SURFACES: BULLETIN BOARD AND FURNITURE LINOLEUM

Apart from floor covering, linoleum is also used as a surfacing material. At Forbo two special products feature in the collection that do just that. Bulletin Board is a softer, slightly porous material which is ideal for serving as a pinboard wall or for improving acoustics in the room. Furniture Linoleum is a special finely ground linoleum mixture which results in a very smooth tactile product appreciated for its warm deep colour and natural patina, which is used 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. Over time the surface acquires a beautiful natural patina. 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.

# MARMOLEUM SPECIAL FLOORING SOLUTIONS

The Marmoleum Authentic selection is a range of 22 timeless items for which Forbo guarantees stock availability until 2028. The range incorporates 2.5 mm Real and Fresco designs in several steps of neutral greys and beiges, complemented by a number of brighter and more colourful items, which can be used for accent colours or zoning.

In addition to our regular sheet and tile collections featured in the overview presented in this brochure Forbo also makes a range of special Marmoleum flooring solutions that each serve a specific purpose or provide a solution to a particular additional functionality. For a complete overview of the colours and items in each of these special ranges please consult the Forbo Flooring Systems websites in your region.

A range of eight neutral, long lasting Marmoleum Marbled colours in 3.2 mm thickness, is available for those situations in which 3.2 mm is still being specified for its durability, for example on stairs.



Our Marmoleum Acoustic floors reduce impact sound by 14dB. It is an integrated floor covering with 2 mm Marmoleum and a 2 mm Corkment backing. Using Marmoleum Acoustic reduces installation costs as it can be installed in one operation, avoiding the need to first lay Corkment and then Marmoleum. Marmoleum Acoustic is available in six colours.



**The best way to reduce sound is at the source. That's why acoustic floors are key when it comes to reducing noise in buildings. Our acoustic linoleum floors create a healthy environment by combining sustainability with excellent sound reduction properties.**

Within our linoleum flooring range, Marmoleum Decibel provides the highest impact sound reduction of 18dB. This sustainable acoustic flooring consists of 2.5 mm Marmoleum laminated onto a 1 mm layer of polyolefin foam. Available in several colours and linoleum structures.



A 2.0 mm Corkment underlay can be used with regular 2.5 mm Marmoleum to reduce impact sound by 14dB.



# FIRE RESISTANCE

For those areas where extended fire retardancy protection is required, Forbo has developed 2.5 mm Marmoleum FR. This new variant achieves B<sub>f1</sub>-s1, G, CS, according to EN 13501-1. B<sub>f1</sub> is an improved flooring fire retardancy classification. All other technical details remain the same as the standard specifications for Marmoleum 2.5 mm.



Marmoleum with extended fire retardancy is also classified as a D-s2, d0 wallcovering in accordance with EN 15102. Marmoleum FR is available on request and minimum order quantities and lead times apply. Please contact your local sales manager for more information.

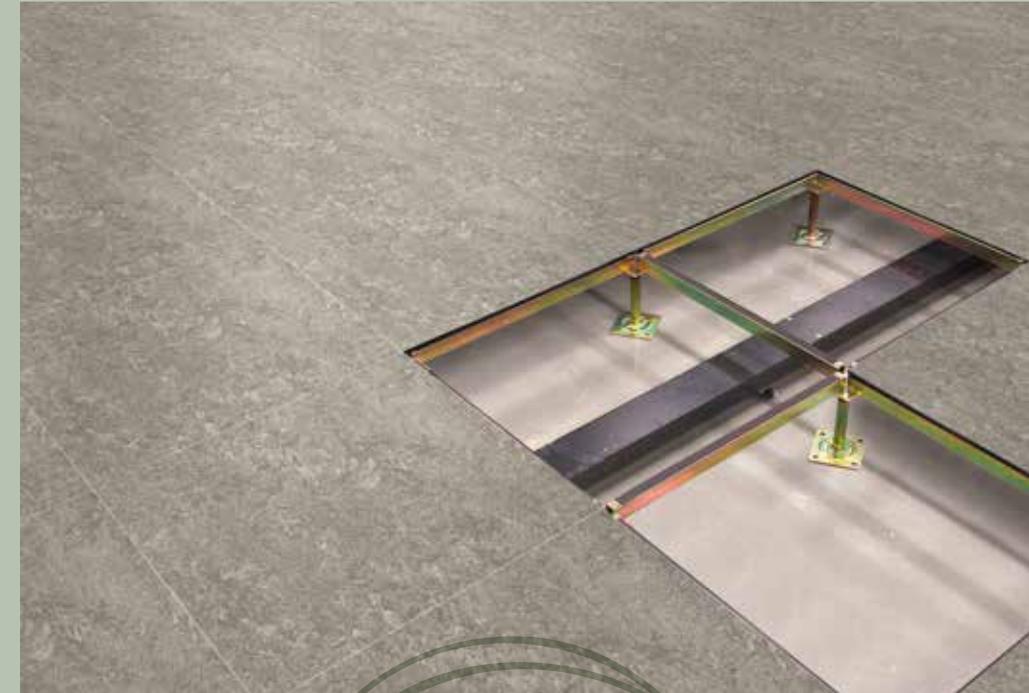


# ELECTRICAL RESISTANCE

Marmoleum Ohmex is a static dissipative floor covering that meets higher requirements for electrical conductivity. With an electrical resistance of  $1 \cdot 10^6 < R1 < 1 \cdot 10^9$  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 61x61 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.



# DESIGNING WITH MARMOLEUM



Are you looking for something unique on your floor? Our Aquajet technique allows us to cut the most detailed and beautiful design inlays into your floor. Standard designs are available, however, you can have your own branding or any other design, created especially for your floor.

Marmoleum Signature adds a unique feature to our Marmoleum tiles by adding subtle engraving themes to the linoleum. There are 4 engraving designs and for each design we've created a number of exciting floor plans. In addition, any custom design could be created to fit your personalized wishes.

For Marmoleum Imagine we asked three international designers to create a series of Marmoleum designs, made possible by our refined Aquajet cutting technique. The designs can be customized on request which allows for endless design possibilities.



Decorative flooring can be functional as well as beautiful. Think of routing signs at floor level in hospitals or museums. Or zoning to identify different areas of a building. Signs and Symbols help people to find their way around or recognize the purpose of the space they are in. We have created a standard set of signs and symbols for our Marmoleum floors, but feel free to ask us for custom designs.

# 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.com](http://www.forbo-flooring.com), or call your local Forbo technical representative.

Topshield<sup>2</sup> is Forbo Floorings' high performance UV-finish which is applied to all Marmoleum floor coverings. Topshield<sup>2</sup> resists staining, scuffing and scratching for lasting appearance retention and provides for easy cleaning and maintenance at lower intervals.

**topshield<sup>2</sup>**

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 m<sup>2</sup> 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

/ 2018

# CORAL ENTRANCE FLOORING, A COMPLEMENT TO YOUR PROJECT

The amount of maintenance needed for a floor is influenced by the amount of dirt carried into the building. A simple measure that you can take to protect your interior floor coverings, in addition to regular maintenance, is the installation of Forbo Coral entrance flooring. A Coral entrance flooring system can stop up to 95% of all dirt and moisture being carried into the building. See our website for more information:  
[www.forbo-flooring.com/coral](http://www.forbo-flooring.com/coral)

## 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.com/netfit](http://www.forbo-flooring.com/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 available. 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.

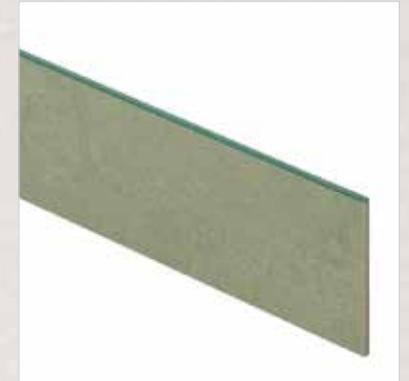
## FINISHING TOUCH

When areas demand hygienic and watertight floor to wall installation, coving offers an elegant solution that can be handmade with the help of a cove forming strip. The Forbo range of pre-formed Marmoform coving and inner- and 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.

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.



Marmostrip skirting



Marmostrip skirting with hygienic capping



Marmoform coving and corners

# Collection overview Marmoleum **Marbled**

Colour number	Colour name	Structure	Thickness 2.0 mm	Thickness 2.5 mm	Thickness 3.2 mm	Acoustic 14dB 4.0 mm	Decibel 18dB 3.5 mm	Ohmex	Authentic stock until the end of 2028	Marmoleum Modular	Marmoleum Click	Welding rod	LRV value	NCS code
2499	sand	Real	●	●								MC	56%	NCS S 1510-Y20R
2621	dove grey	Real		●			●					MC	36%	NCS S 3005-G50Y
2629	eiger	Real	●	●								MC	19%	NCS S 6005-G80Y
2707	barley	Real								●			49%	NCS S 1515-Y30R
2713	calico	Real		●						●		MC	53%	NCS S 2010-Y20R
2767	rust	Real		●								MC	19%	NCS S 4040-Y50R
2939	black	Fresco	●	●				●	●			MC	5%	NCS S 9000-N
3030	blue	Real	●	●			●		●	●		MC	12%	NCS S 5030-R90B
3032	mist grey	Real	●	●	●	●		●	●			MC	42%	NCS S 3005-G80Y
3038	Caribbean	Real	●	●	●	●	●	●	●			MC	55%	NCS S 1515-Y20R
3048	graphite	Real	●	●	●	●	●	●	●	●		MC	14%	NCS S 7502-Y
3053	dove blue	Real	●	●			●			●		MC	27%	NCS S 4005-B80G
3055	fresco blue	Real	●	●	●	●		●	●			MC	23%	NCS S 4020-B
3075	shell	Real	●	●	●				●			MC	44%	NCS S 2020-Y20R
3120	rosato	Real		●			●			●		MC	51%	NCS S 2010-Y20R
3123	arabesque	Real		●								MC	23%	NCS S 5000-N
3125	golden sunset	Fresco	●	●								UNI	38%	NCS S 1070-Y20R
3126	Kyoto	Fresco		●								UNI	18%	NCS S 2570-Y60R
3127	Bleeckerstreet	Real	●	●			●		●			MC	9%	NCS S 2570-R
3131	scarlet	Fresco		●						●	●	MC	13%	NCS S 1580-Y90R
3136	concrete	Real	●	●					●	●		MC	47%	NCS S 3005-G80Y
3137	slate grey	Real		●								MC	16%	NCS S 6502-Y
3139	lava	Fresco	●	●	●	●			●			UNI	9%	NCS S 8000-N
3141	Himalaya	Real		●					●			MC	40%	NCS S 3020-Y10R
3146	serene grey	Real	●	●	●		●	●	●	●		MC	27%	NCS S 4502-Y
3173	Van Gogh	Real	●	●					●			MC	46%	NCS S 2030-Y20R
3174	Sahara	Real	●	●								MC	29%	NCS S 3040-Y30R
3203	henna	Fresco		●					●			UNI	11%	NCS S 5040-Y80R
3209	raven	Real									●		5%	NCS S 9000-N
3216	moraine	Real								●			34%	NCS S 4005-G80Y
3219	spa	Real		●								MC	32%	NCS S 3020-B30G
3224	chartreuse	Real	●	●			●		●			MC	38%	NCS S 2050-G60Y
3225	dandelion	Real		●			●		●			MC	46%	NCS S 2050-Y10R
3232	horse roan	Real		●						●		MC	40%	NCS S 3010-Y20R
3233	shitake	Real		●								MC	23%	NCS S 4020-Y30R
3234	forest ground	Real		●								MC	33%	NCS S 4010-Y10R
3236	dark bistre	Real		●								MC	7%	NCS S 8502-Y
3238	laguna	Real								●	●		30%	NCS S 2040-B10G
3246	shrike	Fresco		●			●					UNI	21%	NCS S 6005-Y20R
3247	green	Fresco		●								MC	23%	NCS S 4050-G50Y
3251	lemon zest	Fresco	●	●						●	●	MC	52%	NCS S 1050-Y10R
3252	sparrow	Fresco	●	●	●	●	●		●			UNI	29%	NCS S 4010-Y10R
3254	clay	Fresco	●	●								UNI	17%	NCS S 6010-Y30R
3257	edelweiss	Fresco		●								UNI	58%	NCS S 2005-G80Y
3259	mustard	Fresco		●								UNI	38%	NCS S 3040-Y
3260	leaf	Fresco		●								UNI	27%	NCS S 3030-G40Y
3261	marine	Fresco		●								UNI	8%	NCS S 6030-B

Colour number	Colour name	Structure	Thickness 2.0 mm	Thickness 2.5 mm	Thickness 3.2 mm	Acoustic 14dB 4.0 mm	Decibel 18dB 3.5 mm	Ohmex	Authentic stock until the end of 2028	Marmoleum Modular	Marmoleum Click	Welding rod	LRV value	NCS code
3262	marigold	Fresco		●								UNI	34%	NCS S 1070-Y40R
3263	rose	Fresco		●								UNI	17%	NCS S 2060-Y90R
3264	Greek blue	Fresco		●								UNI	17%	NCS S 3050-B
3265	avocado	Fresco		●								UNI	31%	NCS S 3030-G60Y
3266	lilac	Fresco		●								UNI	37%	NCS S 3005-R20B
3267	aqua	Fresco		●								UNI	39%	NCS S 2030-B50G
3268	honey suckle	Real		●								MC	33%	NCS S 2040-R
3269	turquoise	Fresco		●								UNI	28%	NCS S 3040-B50G
3270	violet	Real		●								MC	17%	NCS S 5020-R70B
3271	hunter green	Fresco		●								UNI	13%	NCS S 5030-B90G
3272	plum	Real		●								MC	13%	NCS S 6020-R10B
3273	ruby	Fresco		●								UNI	10%	NCS S 4050-R
3403	Asian tiger	Vivace		●								MC	29%	NCS S 3040-Y30R
3405	Granada	Vivace		●						●		MC	28%	NCS S 5005-Y20R
3407	donkey island	Vivace		●						●		MC	36%	NCS S 3010-Y30R
3411	sunny day	Vivace		●								MC	45%	NCS S 2030-Y20R
3413	green melody	Vivace		●								MC	34%	NCS S 3030-G60Y
3420	surprising storm	Vivace		●								MC	31%	NCS S 4502-Y
3421	oyster mountain	Vivace		●								MC	17%	NCS S 6502-Y
3426	cork tree	Vivace		●								MC	16%	NCS S 6010-Y10R
3427	agate	Vivace		●								MC	39%	NCS S 3010-Y10R
3428	seashell	Splash		●								MC	45%	NCS S 3005-G80Y
3429	bluemoon	Splash		●								MC	45%	NCS S 3010-G20Y
3430	salsa verde	Splash		●								MC	47%	NCS S 3010-G50Y
3431	limoncello	Splash		●								MC	48%	NCS S 2010-G60Y
3432	fruit punch	Splash		●								MC	46%	NCS S 3010-G90Y
3433	rockpool	Splash		●								MC	46%	NCS S 3010-G80Y
3825	African desert	Fresco		●								UNI	26%	NCS S 2050-Y50R
3828	blue heaven	Fresco	●	●					●			UNI	34%	NCS S 3020-B10G
3846	natural corn	Fresco	●	●					●			UNI	56%	NCS S 1030-Y10R
3847	golden saffron	Real	●	●								MC	41%	NCS S 2040-Y30R
3858	Barbados	Fresco	●	●					●		●	UNI	65%	NCS S 1510-Y10R
3860	silver shadow	Fresco	●	●			●		●		●	UNI	48%	NCS S 2005-G70Y
3861	Arabian pearl	Fresco	●	●								UNI	50%	NCS S 2010-Y20R
3866	eternity	Fresco	●	●					●		●	UNI	21%	NCS S 5502-G
3872	volcanic ash	Fresco		●			●				●	UNI	10%	NCS S 7500-N
3874	walnut	Fresco		●								UNI	11%	NCS S 7010-Y50R
3881	green wellness	Real	●	●								UNI	51%	NCS S 2020-G90Y
3883	moonstone	Fresco		●								UNI	45%	NCS S 2502-G
3885	spring buds	Fresco		●							●	UNI	46%	NCS S 2040-G60Y
3889	cinder	Fresco		●								UNI	30%	NCS S 3502-Y
3890	oat	Fresco		●								UNI	31%	NCS S 3010-Y20R
3891	sage	Fresco		●								UNI	31%	NCS S 4010-G30Y
5801	river bank	Terra		●								MC	29%	NCS S 4010-G70Y
5802	alpine mist	Terra		●								MC	31%	NCS S 3005-G50Y
5803	weathered sand	Terra		●								MC	31%	NCS S 4010-Y10R
5804	pink granite	Terra		●								MC	27%	NCS S 4010-Y30R

# Collection overview Marmoleum Solid and Linear

Colour number	Colour name	Collection	Structure	Thickness 2.0 mm	Thickness 2.5 mm	Decibel 18dB 3.5 mm*	Marmoleum Modular	Marmoleum Click	Welding rod	LRV value	NCS code
123	black	Solid	Walton		●				MC	4%	NCS S 9000-N
171	cement	Solid	Walton		●				UNI	30%	NCS S 4502-Y
173	paving	Solid	Walton		●				UNI	13%	NCS S 6502-G
186	lead	Solid	Walton		●				UNI	21%	NCS S 5502-B
3352	Berlin red	Solid	Walton		●		●		UNI	10%	NCS S 4050-Y80R
3353	eggplant purple	Solid	Walton		●				MC	8%	NCS S 8005-Y80R
3354	pumpkin yellow	Solid	Walton		●		●			31%	NCS S 2050-Y30R
3355	rosemary green	Solid	Walton		●			●	UNI	21%	NCS S 5010-G70Y
3358	petrol	Solid	Walton		●		●	●	UNI	9%	NCS S 7020-B10G
3359	bottle green	Solid	Walton		●				UNI	7%	NCS S 8010-G30Y
3360	vintage blue	Solid	Walton		●			●	UNI	29%	NCS S 3020-B
3362	yellow moss	Solid	Walton		●		●			30%	NCS S 3040-G90Y
3363	lilac	Solid	Walton		●			●	UNI	38%	NCS S 3005-R50B
3367	alloy	Solid	Walton		●				UNI	25%	NCS S 5500-N
3368	grey iron	Solid	Walton		●				UNI	12%	NCS S 7500-N
3369	titanium	Solid	Walton		●				UNI	48%	NCS S 2502-Y
3370	terracotta	Solid	Walton		●				UNI	18%	NCS S 5030-Y40R
3580	milk chocolate	Solid	Cocoa		●				UNI	20%	NCS S 6005-Y50R
3581	dark chocolate	Solid	Cocoa		●				UNI	6%	NCS S 8502-R
3582	earl grey chocolate	Solid	Cocoa		●				UNI	33%	NCS S 3502-B
3583	chocolate blues	Solid	Cocoa		●				UNI	9%	NCS S 7005-R80B
3584	white chocolate	Solid	Cocoa		●				UNI	60%	NCS S 2010-Y
3601	warm grey	Solid	Piano		●				UNI	32%	NCS S 3005-G50Y
3607	grey dusk	Solid	Piano		●				UNI	11%	NCS S 7500-N
3613	almost darkness	Solid	Piano		●				UNI	5%	NCS S 8500-N
3622	mellow yellow	Solid	Piano		●				UNI	39%	NCS S 2060-Y20R
3625	salsa red	Solid	Piano		●				UNI	11%	NCS S 3560-Y80R
3629	frosty grey	Solid	Piano		●				UNI	49%	NCS S 2005-G50Y
3630	angora	Solid	Piano		●				UNI	37%	NCS S 4010-Y10R
3631	otter	Solid	Piano		●				UNI	20%	NCS S 6005-Y20R
3632	sealion	Solid	Piano		●				UNI	10%	NCS S 7005-Y50R
3634	meadow	Solid	Piano		●				UNI	43%	NCS S 2030-G80Y
3642	periwinkle	Solid	Piano		●				UNI	24%	NCS S 4020-B
3644	Nordic blue	Solid	Piano		●				UNI	30%	NCS S 2040-B10G
3645	Neptune blue	Solid	Piano		●				UNI	15%	NCS S 4040-B
3646	young grass	Solid	Piano		●				UNI	38%	NCS S 2060-G60Y
3647	nettle green	Solid	Piano		●				UNI	24%	NCS S 3040-G20Y
3648	sunray	Solid	Piano		●				UNI	59%	NCS S 1060-Y
3649	greenwood	Solid	Piano		●				UNI	11%	NCS S 5040-B90G
3650	polar bear	Solid	Piano		●				UNI	59%	NCS S 1505-G80Y
3651	zinnia	Solid	Piano		●				UNI	24%	NCS S 1070-Y70R
3652	Atlantic blue	Solid	Piano		●				UNI	9%	NCS S 6030-B10G
3568	delta lace	Solid	Concrete		●	●	●	●	UNI	13%	NCS S 7005-Y20R
3701	moon	Solid	Concrete		●		●	●	UNI	61%	NCS S 1510-G90Y
3702	liquid clay	Solid	Concrete	●	●		●	●	UNI	23%	NCS S 5005-Y20R
3703	comet	Solid	Concrete		●				UNI	14%	NCS S 6502-G
3704	satellite	Solid	Concrete		●		●		UNI	23%	NCS S 5502-Y
3705	meteorite	Solid	Concrete		●				UNI	16%	NCS S 6502-Y
3706	beton	Solid	Concrete		●	●			UNI	28%	NCS S 5005-G80Y
3707	black hole	Solid	Concrete		●	●	●	●	UNI	7%	NCS S 8500-N
3708	fossil	Solid	Concrete		●	●			UNI	34%	NCS S 4005-Y20R
3709	silt	Solid	Concrete		●	●			UNI	22%	NCS S 5010-Y10R
3711	cloudy sand	Solid	Concrete		●	●	●	●	UNI	49%	NCS S 2010-Y
3712	orange shimmer	Solid	Concrete		●				UNI	31%	NCS S 4502-Y
3716	Mercury	Solid	Concrete				●			50%	NCS S 1502-Y
3717	Neptune	Solid	Concrete				●			38%	NCS S 2502-Y
3718	Pluto	Solid	Concrete				●			30%	NCS S 3502-Y
3722	stardust	Solid	Concrete				●			59%	NCS S 1010-G80Y
3723	nebula	Solid	Concrete	●	●	●		●	UNI	17%	NCS S 6500-N
3724	orbit	Solid	Concrete	●	●	●		●	UNI	37%	NCS S 3502-Y
3725	cosmos	Solid	Concrete		●				UNI	9%	NCS S 7502-B

Colour number	Colour name	Collection	Structure	Thickness 2.0 mm	Thickness 2.5 mm	Decibel 18dB 3.5 mm*	Marmoleum Modular	Marmoleum Click	Welding rod	LRV value	NCS code
3726	Venus	Solid	Concrete		●				UNI	52%	NCS S 2020-Y10R
3727	drift	Solid	Concrete		●				UNI	31%	NCS S 4010-Y10R
3728	kaolin	Solid	Concrete		●				UNI	36%	NCS S 3010-Y
3729	mica	Solid	Concrete		●				UNI	42%	NCS S 3010-G90Y
3730	Stella	Solid	Concrete		●				UNI	17%	NCS S 6005-R20B
3731	flux	Solid	Concrete		●				UNI	22%	NCS S 5005-B80G
3732	asteroid	Solid	Concrete		●				UNI	45%	NCS S 3005-G20Y
3733	yellow shimmer	Solid	Concrete		●				UNI	42%	NCS S 3010-G60Y
3734	blue shimmer	Solid	Concrete		●				UNI	20%	NCS S 5010-B10G
3735	purple shimmer	Solid	Concrete		●				UNI	18%	NCS S 5502-R
3736	green shimmer	Solid	Concrete		●				UNI	32%	NCS S 4005-G50Y
3737	red shimmer	Solid	Concrete		●				UNI	15%	NCS S 6502-R
3738	orange glow	Solid	Concrete		●	●			UNI	27%	NCS S 2060-Y50R
3739	blue glow	Solid	Concrete		●	●			UNI	16%	NCS S 4040-R90B
3740	purple glow	Solid	Concrete		●				UNI	21%	NCS S 3040-R30B
3741	yellow glow	Solid	Concrete		●	●			UNI	58%	NCS S 1050-G90Y
3742	green glow	Solid	Concrete		●	●			UNI	39%	NCS S 2050-G50Y
3743	red glow	Solid	Concrete		●	●			UNI	14%	NCS S 2070-Y90R
3745	Cornish grey	Solid	Concrete				●			15%	NCS S 6502-G
e3707	Highland black	Solid	Slate		●					7%	NCS S 8500-N
e3725	Welsh slate	Solid	Slate		●		●			9%	NCS S 7502-B
e3745	Cornish grey	Solid	Slate		●		●			15%	NCS S 6502-G
e3746	Newfoundland slate	Solid	Slate		●		●			11%	NCS S 7005-Y50R
e3747	Lakeland shale	Solid	Slate		●		●			21%	NCS S 5502-Y
3573	trace of nature	Linear	Striato Original		●		●	●	UNI	27%	NCS S 5005-Y20R
3575	white cliffs	Linear	Striato Original		●		●		UNI	57%	NCS S 2010-Y
5216	Pacific beaches	Linear	Striato Original		●			●	UNI	48%	NCS S 2020-Y10R
5217	withered prairie	Linear	Striato Original		●		●	●	UNI	23%	NCS S 5010-Y30R
5218	Welsh moor	Linear	Striato Original		●				UNI	8%	NCS S 8005-Y80R
5221	colour stream	Linear	Striato Colour		●				UNI	26%	NCS S 2070-Y90R
5225	compressed time	Linear	Striato Original		●		●		UNI	34%	NCS S 4010-Y30R
5226	grey granite	Linear	Striato Original		●		●			29%	NCS S 5005-G50Y
5230	white wash	Linear	Striato Original		●		●		UNI	49%	NCS S 2010-Y30R
5231	Cliffs of Moher	Linear	Striato Original		●		●			17%	NCS S 6005-Y20R
5232	rocky ice	Linear	Striato Original		●		●		UNI	44%	NCS S 3005-Y20R
5235	North Sea coast	Linear	Striato Original		●		●			32%	NCS S 4010-Y30R
5237	black sheep	Linear	Striato Original		●		●		UNI	18%	NCS S 6502-B
5238	straw field	Linear	Striato Original		●		●		UNI	42%	NCS S 3020-Y
5239	oxidized copper	Linear	Striato Original		●		●		UNI	27%	NCS S 4010-Y30R
5240	canyon shadow	Linear	Striato Original		●		●		UNI	18%	NCS S 5020-Y50R
5241	sunshine yellow	Linear	Striato Colour		●		●		UNI	39%	NCS S 3040-Y10R
5242	red roses	Linear	Striato Colour		●		●		UNI	21%	NCS S 2050-Y90R
5243	peacock blue	Linear	Striato Colour		●		●		UNI	23%	NCS S 4030-B10G
5244	hint of yellow	Linear	Striato Colour		●		●		UNI	41%	NCS S 3005-Y20R
5245	blue stroke	Linear	Striato Colour		●		●		UNI	39%	NCS S 3010-B
5246	orange highlights	Linear	Striato Colour		●		●		UNI	33%	NCS S 4005-Y20R
5247	dark aura	Linear	Striato Colour		●		●		UNI	11%	NCS S 6502-R
e3573	trace of nature	Linear	Striato Textura		●		●		UNI	27%	NCS S 5005-Y20R
e5216	Pacific beaches	Linear	Striato Textura		●		●		UNI	48%	NCS S 2020-Y10R
e5217	withered prairie	Linear	Striato Textura		●		●		UNI	23%	NCS S 5010-Y30R
e5218	Welsh moor	Linear	Striato Textura		●		●		UNI	8%	NCS S 8005-Y80R
e5229	fresh walnut	Linear	Striato Textura		●		●		UNI	15%	NCS S 6020-Y50R
e5230	white wash	Linear	Striato Textura		●		●		UNI	49%	NCS S 2010-Y30R
e5231	Cliffs of Moher	Linear	Striato Textura		●		●		UNI	17%	NCS S 6005-Y20R
e5232	rocky ice	Linear	Striato Textura		●		●		UNI	44%	NCS S 3005-Y20R
e5235	North Sea coast	Linear	Striato Textura		●		●		UNI	32%	NCS S 4010-Y30R
e5236	fox club	Linear	Striato Textura		●		●		UNI	19%	NCS S 5020-Y40R

\* All colours can be made as a 18dB Decibel construction. This Marmoleum variant is available on request and minimum order quantities and lead times apply. Please contact your local sales manager for more information.

		Marmoleum Real/Fresco/Concrete 2.0 mm	Marmoleum Marbled 2.5 mm	Marmoleum Solid 2.5 mm	Marmoleum Linear 2.5 mm	Marmoleum Marbled 3.2 mm	Marmoleum Decibel	Marmoleum Acoustic
	Total thickness	EN-ISO 24346	2.0 mm	2.5 mm	2.5 mm	3.2 mm	3.5 mm	4.0 mm
	Domestic use	EN-ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23	Class 23
	Commercial use	EN-ISO 10874	Class 32	Class 34	Class 34	Class 34	Class 33	Class 33
	Light Industrial use	EN-ISO 10874	Class 41	Class 43	Class 43	Class 43	Class 41	Class 41
	Roll width	EN-ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	1.90 / 2.00 m	2.00 m
	Roll length	EN-ISO 24341	≤ 33 m	≤ 33 m	≤ 33 m	≤ 33 m	≤ 33 m	≤ 33 m
	Total weight <i>Typical value</i>	EN-ISO 23997	2300 g/m <sup>2</sup>	2900 g/m <sup>2</sup>	2900 g/m <sup>2</sup>	2900 g/m <sup>2</sup>	3900 g/m <sup>2</sup>	4000 g/m <sup>2</sup>
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1	≤ 0.15 mm ~0.07 mm	≤ 0.15 mm ~0.08 mm	≤ 0.15 mm ~0.08 mm	≤ 0.15 mm ~0.08 mm	≤ 0.30 mm ~0.20 mm	≤ 0.40 mm ~0.25 mm
	Castor chair continuous use	ISO 4918/ EN 425	Suitable for office chairs with castors.					
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.					
	Flexibility	EN-ISO 24344	ø 30 mm	ø 40 mm	ø 40 mm	ø 40 mm	ø 50 mm	ø 60 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis.					
	Bacteriostatic properties*	Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteria MRSA.						
	Cigarette resistance	EN 1399	There is no melting of the surface by cigarettes. Marks left on Marmoleum as a result of stubbed-out cigarettes can be removed.					
	Slip resistance	DIN 51130	R9	R9	R9 Slate R10	R9 Textura R10	R9	R9
	Acoustical impact sound reduction	EN-ISO 717-2	≤ 4 dB	≤ 5 dB	≤ 5 dB	≤ 5 dB	≤ 6 dB	≤ 14 dB
	Indoor Air Emissions: TVOC at 28 days	EN 16516	< 0,05 mg/m <sup>3</sup>	< 0,05 mg/m <sup>3</sup>	< 0,05 mg/m <sup>3</sup>	< 0,05 mg/m <sup>3</sup>	< 0,05 mg/m <sup>3</sup>	< 0,05 mg/m <sup>3</sup>
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.						
	<b>Creating better environments</b>							
	CO <sub>2</sub> neutral	Marmoleum 2.0 mm and 2.5 mm are produced CO <sub>2</sub> neutral.**						
	renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.						
	natural materials (e.g. linseed oil, jute, tree resin, wood flour, limestone)	Marmoleum is made of 94-98% natural materials. Marmoleum contains PEFC certified wood flour.						
	recycled content	Marmoleum is free of PVC, PET, synthetic rubber and plasticizers. Marmoleum contains recycled content.						
	Application on underfloor heating	yes	yes	yes	yes	yes	yes	yes
Marmoleum meets the requirements of EN 14041								
	Product code	EN 14041	0100201_DoP_306	0100201_DoP_306	0100201_DoP_306	0100201_DoP_306	0100207_DoP_306	0100206_DoP_306
	Reaction to fire	EN 13501-1	C <sub>fl</sub> -s1, G, CS	C <sub>fl</sub> -s1, G, CS***	C <sub>fl</sub> -s1, G, CS***	C <sub>fl</sub> -s1, G, CS***	C <sub>fl</sub> -s1, G, CS	C <sub>fl</sub> -s1, G, CS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV	≤ 2 kV	≤ 2 kV	≤ 2 kV	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524	0.17 W/m-K	0.17 W/m-K	0.17 W/m-K	0.17 W/m-K	0.17 W/m-K	0.17 W/m-K

\* Marmoleum sheet can be installed nett fit, or with a welding rod in the seam. Both are proven hygienic solutions.

\*\* For verification and details please consult our Marmoleum EPD.

\*\*\* Marmoleum 2.5 mm is available in reaction to fire classification B<sub>fl</sub>-s1, G, CS. Available on request, contact sales support for leadtime.

		Marmoleum Modular lines, shade, marble and colour	Marmoleum Modular textura and slate
	Total thickness	EN-ISO 24346	2.5 mm
	Domestic: heavy	EN-ISO 10874	Class 23
	Commercial: very heavy	EN-ISO 10874	Class 34
	Light industrial: heavy	EN-ISO 10874	Class 43
	Dimensions (length x width)	EN-ISO 24342	50 x 25 cm / 50 x 50 cm / 100 x 25 cm
	Squareness and straightness	EN-ISO 24342	≤ 0.35 mm
	Residual indentation <i>Typical value</i>	EN-ISO 24343-1	≤ 0.15 mm ~ 0.05
	Castor chair continuous use	EN 425 / ISO 4918	Suitable for office chairs with castors.
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to conventional solvents. Not resistant to prolonged exposure to alkalis.
	Bacteriostatic properties	Marmoleum has natural bacteriostatic properties, which are confirmed by independent laboratories, even against the bacteria MRSA.	
	Cigarette resistance	EN 1399	Marks left on linoleum as a result of stubbed-out cigarettes can be removed.
	Slip resistance	DIN 51130	R9
	Acoustical impact sound reduction	EN ISO 717-2	≤ 5 dB
	Indoor Air Emissions: TVOC at 28 days	EN 16516	< 0,05 mg/m <sup>3</sup>
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact.	
	<b>Creating better environments</b>		
	renewable electricity	Marmoleum is manufactured using 100% electricity from renewable sources.	
	natural materials (e.g. linseed oil, rosin, wood flour, limestone)	Marmoleum contains PEFC certified wood flour.	
	recycled content	Marmoleum contains recycled content.	
	Application on underfloor heating	yes	yes
Marmoleum meets the requirements of EN 14041			
	Product code	EN 14041	0100203_DoP_306
	Reaction to fire	EN 13501-1	C <sub>fl</sub> -s1, G, CS
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	EN 1815	< 2 kV
	Thermal conductivity	EN-ISO 10456	0.17 W/m-K

## furniture linoleum

	Total thickness	EN-ISO 24346	2.0 mm
	Roll width	EN-ISO 24341	1.83 m
	Roll length	EN-ISO 24341	≤ 30 m
	Weight	EN-ISO 23997	2.1 kg/m <sup>2</sup>
	Residual indentation	EN-ISO 24341-1	< 0.20 mm
	Light fastness	EN-ISO 105-B02	Method 3: blue scale minimum 6.
	Gloss level	ISO 2813	< 5
	Flexibility	EN-ISO 24344	ø 50 mm
	Resistance to chemicals	EN-ISO 26987	Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis.
	Heat resistance		70 °C
	Body voltage	EN 1815	< 2 kV
	CO <sub>2</sub> neutral		Proven by type II environmental product declaration.
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact.

## bulletin board®

	Total thickness	EN-ISO 24346	6.0 mm ± 0.25 mm
	Roll width	EN-ISO 24341	1.22 m (3 colours in 1.83 m)
	Roll length	EN-ISO 24341	≤ 28 m
	Total weight	EN-ISO 23997	4.7 kg/m <sup>2</sup> ± 10%
	Flexibility	EN-ISO 24344	Ø 50 mm, according to method A
	Sound absorption coefficient	EN-ISO 354	α <sub>w</sub> 0.1 (typical)
	Thermal conductivity	EN 12524	0.10 W/m·K
	Self-healing properties	LH000420	yes
	Force on pins - Perpendicular to pin direct	LH000421	25 N (typical)
	Force on pins - Perpendicular to pin at 7 mm	LH000421	10 N (typical)
	Force on pins - Parallel to pin (pulling the pin out)	LH000421	15 N (typical)
	Bacteriostatic properties	EN-ISO 22196	yes
	Chemical resistance	EN-ISO 26987	Resistant to diluted acids, oils and most conventional solvents such as alcohol, white spirit, etc. Not resistant to prolonged exposure to alkalis.
	Dimension stability		Due to the natural jute back, providing a strong durable foundation, the product is dimensionally stable in all directions when properly installed. It resists cracking, drying and peeling.
	Anti-static		yes
	Gloss		Only available in matt colours, so that reflection caused by sunlight or artificial light is reduced.
	Natural materials (e.g. cork, linseed oil, jute)		91%
	Recycled content		43%
	PVC, PET, plasticizers content		0%



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 both commercial and residential markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering you total flooring solutions for any environment.

Forbo Flooring B.V.  
P.O. Box 13  
1560 AA Krommenie  
The Netherlands  
T: +31 75 647 74 77  
F: +31 75 647 77 01  
contact@forbo.com  
www.forbo-flooring.com

214144/04/2019

Find us on



creating better environments

**Forbo**

FLOORING SYSTEMS