



marmoleum<sup>®</sup> cocoa

THE BEAUTY  
OF **NATURAL**  
FLOORING

creating better environments

Forbo

FLOORING SYSTEMS





# A NATURAL BEAUTY

Once upon a time, there was a magical flooring material called **Marmoleum**. It was unlike any other flooring on the market, as it was not only beautiful and stylish, but also **incredibly sustainable** and functional.

Marmoleum had been around for over 150 years, and during that time, it had been **perfected to meet all the needs** of modern buildings. It was made from natural, renewable resources, such as linseed oil and wood flour, making it one of the most environmentally friendly flooring options available.

The magic of Marmoleum was not just limited to its practical benefits, however. It also had a **mesmerising effect** on those who laid eyes on it. Whenever someone walked into a room with Marmoleum floors, they couldn't help but stare in awe at its beauty and wonder how something so natural could look so elegant.

In the end, Marmoleum proved that it was truly a flooring material unlike any other, meeting all needs in design, planet safety and functionality in the past but certainly also in the future.

THIS IS NOT A FAIRY TALE  
BUT A TRUE STORY.  
THE FUTURE IS NOW,  
WE NEED SUSTAINABLE  
FLOORING WITHOUT  
OFFSETTING



# WHY MARMOLEUM?

Because the world  
needs bio-based  
and climate positive  
flooring!



Creating a more sustainable future starts with designing products that can contribute to a circular economy. By using renewable and recycled materials, extending product lifecycles, and enabling reuse and recycling at end of life, we can reduce our reliance on finite resources while helping to lower and store carbon emissions.

Marmoleum is the ideal flooring choice for those seeking a solution that combines timeless beauty with outstanding environmental performance.

## INVEST IN MARMOLEUM TODAY AND MAKE A POSITIVE IMPACT ON THE WORLD

And its benefits go far beyond sustainability. Featuring the advanced Topshield pro surface finish, Marmoleum is exceptionally durable, resistant to scratches and stains, and easy to maintain. Available in a wide range of colours and designs, it offers the freedom to create interiors that reflect your unique style and preferences.

Already renowned for its best-in-class quality, Marmoleum is made from up to 98% natural raw materials, of which 70% are rapidly renewable, and contains 38% recycled content. This makes it a truly natural flooring solution. In addition, Marmoleum is climate positive from cradle to gate, without the need for carbon offsetting, helping to make a positive contribution to the environment from the very start of its lifecycle.



# marmoleum® cocoa



2.5 mm



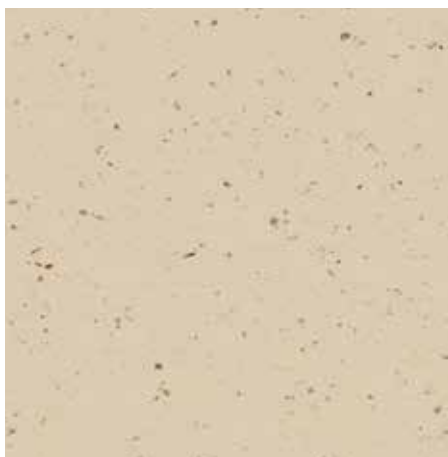
**3584** | white chocolate



**3585** | stracciatella



**3582** | earl grey chocolate



**3590** | meringue



**3588** | eucalyptus



**3586** | indigo milk



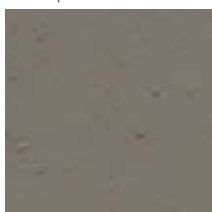
**3593** | matcha



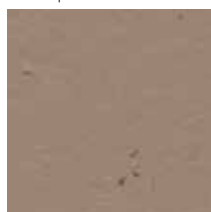
**3592** | salted caramel



**3583** | chocolate blues



**3589** | nori



**3580** | milk chocolate



**3586** | indigo milk



**3587** | curcuma



**3591** | black tea



**3587** | curcuma



**3595** | panna cotta



**3594** | chia seeds



**3596** | hummus



# BEAUTIFUL

Circularity and beauty are united in Marmoleum Cocoa. The contemporary design, refined aesthetics and modern selection of colours make it a timeless floor that fits everywhere. It combines the liveliness of cocoa shells with the calmness of mineral tones.



3592 | salted caramel, 3590 | meringue



3590 | meringue, 3592 | salted caramel, 3580 milk chocolate



### A natural beauty

A collection where beauty and circularity are united thanks to the unique addition of cocoa shells.



### Natural raw materials

like waste material of wood and cocoa industry, renewable flax, resin, jute.



## MADE TO GO ROUND

### Circular mindset

We reuse our own production waste, pick up the customers installation waste and take back old floors, all to recycle them into new Marmoleum floors.



### Long-lasting

Highly durable, the longer the floor can be used, the more circular it is.

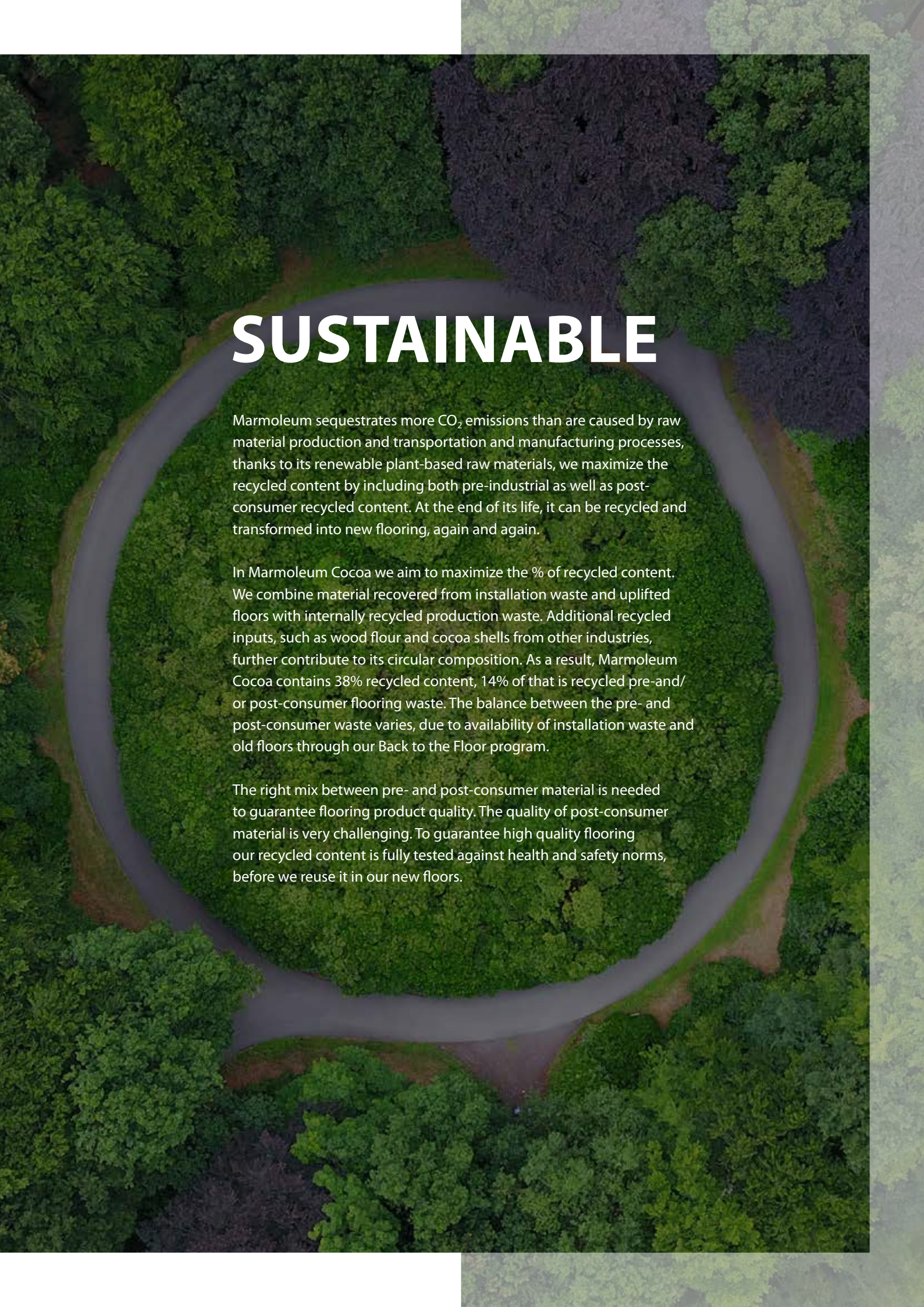


### Climate positive

cradle to gate without offsetting. Produced with 100% renewable electricity.





An aerial photograph of a lush green forest. A light-colored, winding path or clearing forms a large, irregular circular shape in the center of the image. The surrounding forest is dense with various shades of green trees. The word "SUSTAINABLE" is written in large, white, bold, sans-serif capital letters across the top of the central circular area.

# SUSTAINABLE

Marmoleum sequesters more CO<sub>2</sub> emissions than are caused by raw material production and transportation and manufacturing processes, thanks to its renewable plant-based raw materials, we maximize the recycled content by including both pre-industrial as well as post-consumer recycled content. At the end of its life, it can be recycled and transformed into new flooring, again and again.

In Marmoleum Cocoa we aim to maximize the % of recycled content. We combine material recovered from installation waste and uplifted floors with internally recycled production waste. Additional recycled inputs, such as wood flour and cocoa shells from other industries, further contribute to its circular composition. As a result, Marmoleum Cocoa contains 38% recycled content, 14% of that is recycled pre-and/or post-consumer flooring waste. The balance between the pre- and post-consumer waste varies, due to availability of installation waste and old floors through our Back to the Floor program.

The right mix between pre- and post-consumer material is needed to guarantee flooring product quality. The quality of post-consumer material is very challenging. To guarantee high quality flooring our recycled content is fully tested against health and safety norms, before we reuse it in our new floors.





3590 | meringue, 3592 | salted caramel, 3580 milk chocolate

# FAIR

The uniqueness of Marmoleum Cocoa extends far beyond the floor itself. Through its recent partnership with Kumasi, Forbo Flooring sources cocoa shells in a way that directly benefits cocoa farming communities.

In traditional chocolate production, only the cocoa beans are used, while up to 75% of the fruit is typically discarded. What was once considered waste is now transformed into a valuable resource, providing farmers with additional income from materials that would otherwise go unused.

At the heart of this story is our collaboration with Dutch-founded social enterprise Kumasi Commodity Innovations, transforming an innovative flooring concept into a powerful example of how beauty, sustainability, and purpose come together.

Kumasi's impact goes even further: they also utilize the juice from the cocoa fruit, another overlooked part of the harvest, to create beverages, unlocking even more value for farmers while reducing waste throughout the supply chain. By sourcing cocoa fruit juice directly from farmers in countries such as Ghana, Ivory Coast, and Ecuador, Kumasi enables farmers to earn additional income from the delicious fruit that was previously discarded.

An important element of this collaboration is its commitment to women's empowerment. Through programs connected to the cocoa value chain, Kumasi creates opportunities for women in cocoa-producing regions to build financial independence and strengthen their communities. This commitment is embedded in the partnership: supplying cocoa shells to Forbo Flooring Systems goes hand in hand with supporting these social initiatives.



# MAKING NEW MARMOLEUM from a 20-year-old floor

Currently, circularity has not yet been achieved on a large scale in the building industry for flooring. Solutions are challenging when the flooring is glued to the subfloor, which is the case for most of the resilient flooring in use today.

## Pioneering with circular Marmoleum

In 2021, a project was initiated with the Technical University of Delft in The Netherlands to take back 13,000 m<sup>2</sup> of old Marmoleum which had been installed in the Faculty of Electrical Engineering, Mathematics and Computer Science (EEMCS) for over 20 years. The challenge was to fully recycle these floors into brand new Marmoleum, a task which was quite uncommon. This first project laid the foundation for scaling up our take-back approach, demonstrating that installed Marmoleum can be successfully recycled and paving the way for further take-back volumes.

### RECYCLING IN STEPS

Renovation is usually a matter of demolition and reconstruction, but the project for TU Delft required a more delicate approach. Both the subfloor and the floor covering needed to remain as intact as possible and contamination of the material had to be avoided. With a floor stripper, the Marmoleum was removed quickly and meticulously.

### FROM FLAKES TO POWDER

Once removed from the building, the floor was sorted to remove undesired residual waste and was then scrapped and ground.. About one third could be recycled in new linoleum, the rest was used for other industries.

### FROM UNIVERSITY TO HEINEKEN

The Heineken Experience, the brewery museum, approached us for a circular solution for their new floors. In the end the floor from the University in Delft ended up in a new floor for the famous brewery in Amsterdam.

WASTE COLLECTION ON SITE



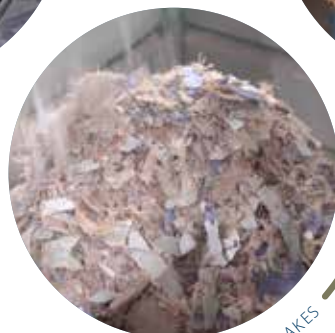
COLLECTED OLD MARMOLEUM



RECYCLED LINOLEUM AS NEW RAW MATERIAL



LINOLEUM FLAKES



OLD FLOOR ENDS UP IN NEW FLOOR







## THE PILLARS OF OUR AMBITION

Three words are at the foundation of everything we do:

Transparency, circularity and renewability

By centering what we do around these values, we ensure that everything that comes from Forbo Flooring Systems delivers value to both people and the planet.

### PRODUCT DEVELOPMENT & DESIGN

- Marmoleum Cocoa is designed to go round, it contains recycled content from end-of-life, post-installation, cross-industry and closed loop waste streams.
- Timeless design that fits everywhere for everyone, the floor doesn't get outdated. The longer the floor can be used, the more circular it is.
- Net Fit installation lowering total footprint.

### SOURCING & RAW MATERIALS

- Made out of up to 98% natural raw materials.
- All raw materials are obtained following the ethical and sustainable SA8000 and ISO 14001 certification.
- Naturally plastic-free and phthalate-free flooring.

### PRODUCTION AND DISTRIBUTION

- Climate positive cradle to gate without offsetting based on EPD (Environmental Product Declaration) Marmoleum sheet also 3.2mm, 2026.
- 100% renewable electricity.

### LONG-LASTING & EASY TO MAINTAIN

- Marmoleum is highly durable, the longer the floor can be used, the more circular it is. Sequestering carbon and creating no waste.
- The Topshield pro finish makes Marmoleum easy to clean, hard-wearing and resistant to stains.
- Marmoleum is fit for purpose, for many applications, no wax, no polish needed.

### RECYCLING AND END-OF-LIFE

- We've closed the loop with Marmoleum Cocoa, the natural flooring solution that can be used over and over again.
- Of the total recycled content there is always 14% recycled pre-and/or post-consumer flooring waste.
- We've created a fully safe end-of-life recycling process with traceable uplifted Marmoleum flooring.

# REFERENCES







Rae State secondary school, Estonia



Rae State secondary school, Estonia



Medix Zurich AG, Germany



Bonaventura College, Netherlands



# ADHESIVES & ACCESSORIES

## **Eurocol 616 - Eurostar lino green**

Very low VOCs emissions, bio-based adhesive with high initial tack for bonding Marmoleum compact with jute backing. The use of lightweight fillers ensures low consumption and easy application. Certified with EMICODE EC 1PLUS, making it suitable for BREEAM projects. The use of renewable raw materials results in lower CO<sub>2</sub> emissions compared to standard fossil-based glue.



## **Eurocol 514**

Fast-setting adhesive with high initial tack for bonding linoleum in sheets and tiles, on a levelled substrate. Good moisture resistance. Thanks to EMICODE EC 1PLUS (very low VOCs emissions) also suitable for BREEAM projects.



## **To weld or not to weld?**

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

Welding could be required or even prescribed in certain situations. There are many matching colours in our welding rods. A matching colour will blend in with the floor, a non-matching colour can be chosen for decorative reasons, for example to highlight different areas on the floor.

For more information, check [www.forbo-flooring.com/welding](http://www.forbo-flooring.com/welding)





3582 | earl grey, 3586 | indigo milk





# HOW CAN WE HELP?

We have given you all the benefits of why a Marmoleum floor is the best solution for your project. We are happy to help you specify this further. Use our various tools or contact us directly.

## **Marmoleum cocoa on the website**

You can find all designs, patterns and colours on our website.

[www.forbo-flooring.com/marmoleumcocoa](http://www.forbo-flooring.com/marmoleumcocoa)

## **More information about Marmoleum**

Read the full Marmoleum story on our website.

[www.forbo-flooring.com/marmoleum](http://www.forbo-flooring.com/marmoleum)

## **Floorplanner**

Would you like to visualize the floor you have in mind in a specific room or even your own project? Please go to our floorplanner and play around with designs and images.

[www.forbo-flooring.com/floorplanner](http://www.forbo-flooring.com/floorplanner)

## **Sample service**

Would you like to receive a sample, please go to our website or contact our local customer service.

## **Installation, cleaning & maintenance**

On our website you will find videos, PDF downloads and more to help you find the best way to install Marmoleum or to learn how you clean and maintain your floor. Our technical teams are just a phone call away should you still have questions.

[www.forbo-flooring.com/marmoleumfloorcare](http://www.forbo-flooring.com/marmoleumfloorcare)

## **Inspiration & references**

Would you like to see how others apply Marmoleum, then please have a look at the 'Inspiration & references' part of our website.

[www.forbo-flooring.com/references](http://www.forbo-flooring.com/references)



## **BIM files**

Should you want to integrate the floors in your own technical drawings we have BIM data for all floors for you available.

[www.forbo-flooring.com/BIM](http://www.forbo-flooring.com/BIM)

## **Protect your floor**

As one of the elements to keep your floor for longer is the use of a good entrance system, we kindly refer to our entrance products.

[www.forbo-flooring.com/entranceflooring](http://www.forbo-flooring.com/entranceflooring)



## **Contact**

Should you have remaining questions, please don't hesitate to contact us via;

[www.forbo-flooring.com/contact](http://www.forbo-flooring.com/contact) or send an email to [question@forbo.com](mailto:question@forbo.com)



3580 | milk chocolate

Find us on



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

creating better environments

