

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

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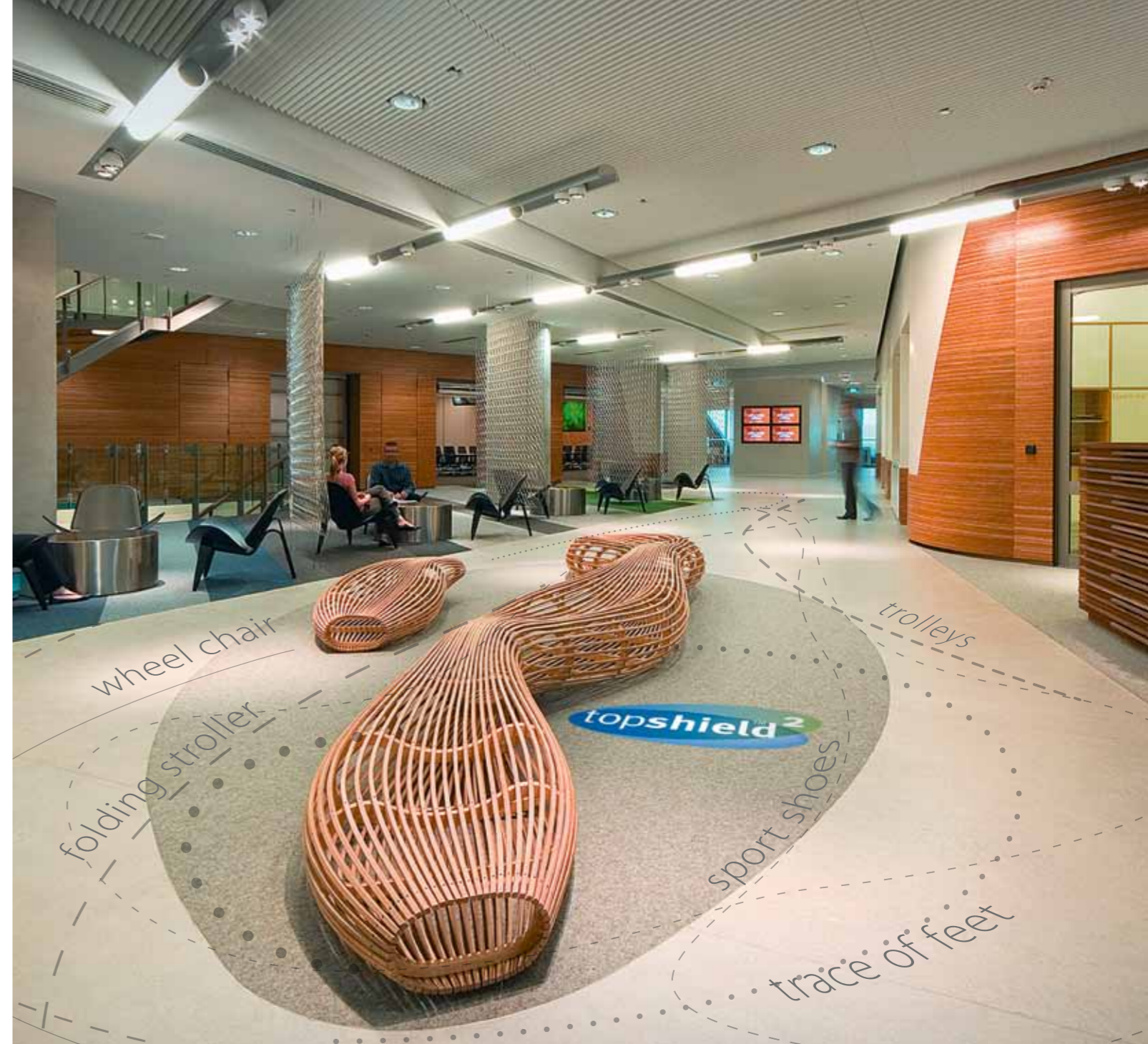
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Forbo

FLOORING SYSTEMS



Floor performance in the real world Marmoleum & Topshield2

creating better environments

creating better environments

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Floor performance in the real world

The reality of the day to day life of a floor is that it encounters both 'use and abuse' without being able to balance its performance with prescribed cleaning and maintenance regime, as in reality, this is not always carried out exactly on time. The floor needs to withstand the traces of every day use; the weather of the season, the footprints and dirt carried into the building, the scratches and stains occurring by accident as well as the overall retention of the appearance of the floor over time. Even where every floor starts out as a new floor just after installation, it will need to keep up its performance over a lifetime of many years. Marmoleum has a proven track record and also now is the modern floor for lasting performance: today, tomorrow, forever.

New Marmoleum & Topshield2 Withstanding the traces of every day use

Forbo Marmoleum is known for its track record in heavy traffic environments in schools, healthcare, offices and public buildings, where the every day use is characterised by high demands on hygiene, resistance to wear and requires easy cleaning and maintenance. Dirt and sand carried into the building, spills from hand disinfectants and the reality of the pressure of the economy on cleaning and maintenance regimes make that floors today have to endure and withstand these traces of every day use to an even higher degree than before.

In 2005 Forbo introduced Topshield as a unique finish that was developed for Marmoleum. Today, with the introduction of Topshield2, the performance of the Marmoleum floor takes on a new dimension. Topshield2 has been designed to create a Marmoleum that meets the demands of every day use and is even more resistant to dirt pick-up, less prone to wear and has improved resistance to scratches and stains, and thus creating a floor that demonstrates a lasting performance over time. Topshield2 has been developed over an intense period of research and life practice testing. Unlike PUR finishes that will show wear and dirt concentration encapsulated in micro scratches over time, Marmoleum with Topshield2 can be refreshed and renewed, generating a new finish, turning Marmoleum into what is probably the best performing resilient floor in the real world.

sport shoes

wheel chairs

shoe prints

hospital beds

topshieldTM2

Meeting your floors' day to day challenges with confidence



In the modern healthcare facilities, floor performance literally provides the basis for a hygienic and clean environment. The daily cleaning of the floor should be executed in an easy and efficient way. The use of chemicals and disinfectants should not leave any traces on the floor and when they occur, they should be able to be removed with ease. Marmoleum with Topshield2 is natural bacteriostatic and has been designed to meet the high demands of modern healthcare. This also includes facilitating the transport of heavy loads such as hospital beds and accommodating hospital staff in carrying out their day to day work. Marmoleum is a floor that retains its character and beauty over time, a simple cleaning regime guarantees a floor that maintains its vibrant colours and delivers lasting hygiene where you need it.

Marmoleum with Topshield2 is ideally suited for any healthcare facility

- Natural Bacteriostatic
- Resistant against hand disinfectants
- As well as overall Improved stain resistance
- Efficient & easy dry cleaning
- Simple maintenance

As beautiful as the day it was installed Even after many years



With the exception of the summer holidays, the floors in any school have to withstand the seasonal weather and their characteristics. Sand, dirt, rain, sleet and snow, all leave their traces in the entrance hallway and corridors of the building, whilst in the classroom the scuffing of shoes and the constant movement of chairs and tables take their turn in abusing the floor. Marmoleum with Topshield2 has been designed to meet the challenges that face the daily life of the floor in education environments. Our tests, confirmed by third party proof *) have shown that Marmoleum with Topshield2 demonstrates an improved performance against scuffing and is less susceptible to soiling and dirt pick up. Marmoleum with Topshield2 is a "ready to use floor" that does not require and initial maintenance or polymer application. Marmoleum with Topshield2 also brings about lasting vibrant colours as the new finish brings depth and clarity of the design of the floor.

*) Marmoleum with Topshield2 is independently tested against other resilient materials such as vinyl, rubber and other linoleum floors. by WFK (Germany) and Sohit (Netherlands). In all cases Topshield2 performs 'significantly better' on non-soiling, cleaning and resistance to stains

Marmoleum with Topshield2 is the floor for any education environment:

- Less soiling and dirt pick-up
- Less scratches and less dirt traps on the floor
- No staining by ink, felt-tip pens or chemicals
- Easy to clean

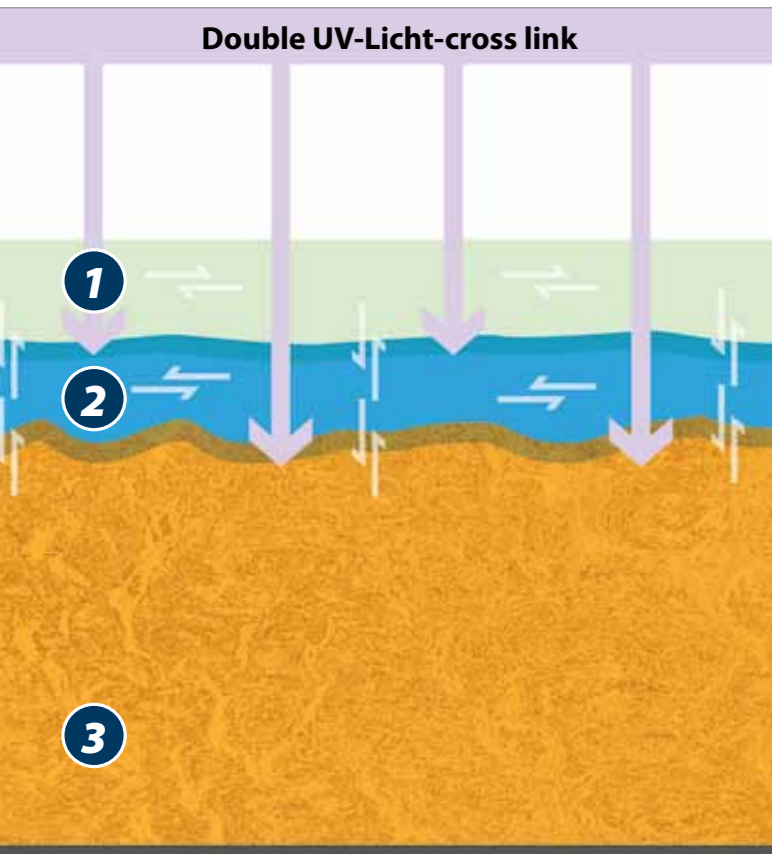
/// For me it is important that a floor not only looks good today,
but that it also remains beautiful in 5, 10 or 15 year ///

/// Our intervals for cleaning and maintenance are under pressure, we
need a floor that can cope with this ///

/// We have different types of floors and are using one regime for our
cleaning and maintenance, I cannot afford a special type of machine ///

/// We had an accident with the floor, instead of the floor being replaced,
we could repair the damage by a simple renovation action ///

Topshield2 – double protection and extraordinary performance



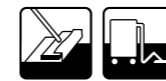
When developed in 2005 Forbo introduced Topshield with its characteristic double layer finish technology. The first layer acts as a primer that is flexible and elastic. The primer is UV cured creating a strong bond with the linoleum surface. The second layer is a tough surface finish that is dirt repellent and resistant to scratches and staining. With Topshield2 the formulation of both finish layers has been improved and this time also the topfinish layer is UV cured for even higher performance.

New Topshield2 creates a 'ready to use' Marmoleum that requires no initial maintenance or polymer application. At the same time Topshield2 has the unique characteristic that the surface can be repaired or refreshed in cases of accidents or after years of intensive use. The refreshing, or renewal of the floor can also be done as partial renovation. Topshield2 is a high performance finish, its double UV cured double layer technology delivers extraordinary performance and clear and vibrant colours that remain over time.

- 1 secondary layer
- 2 primary layer
- 3 Linoleum

Marmoleum Cleaning & Maintenance as simple and efficient as you expect it to be

Marmoleum with Topshield2 is an extremely flexible floor when it comes to cleaning and maintenance. There is no requirement for a specific method or cleaning machines, and in fact any type of method that is currently used can also be used on Forbo Marmoleum. The Forbo floor care scheme is a simple to use method that can be executed through simple daily dry cleaning and periodic maintenance delivering optimal result.



1. Cleaning after installation

- After installation the floor only requires cleaning - the application polish is not necessary. Sweep, dust mop or vacuum floor to remove loose soil
- Clean the floor with cleaner and a mop
 - Pick up dirty water with a wiper and mop or a water vac
 - Rinse with clean water and a mop
 - Allow the floor to dry
- If required, dry or spray buff the floor with a rotary machine and a suitable pad



2. Regular cleaning

- Wipe with dust mop and dust cloth, or vacuum the floor
 - Remove spots with a damp mop
- When required – spray clean the floor with a rotary machine and a red pad
Use spray where necessary

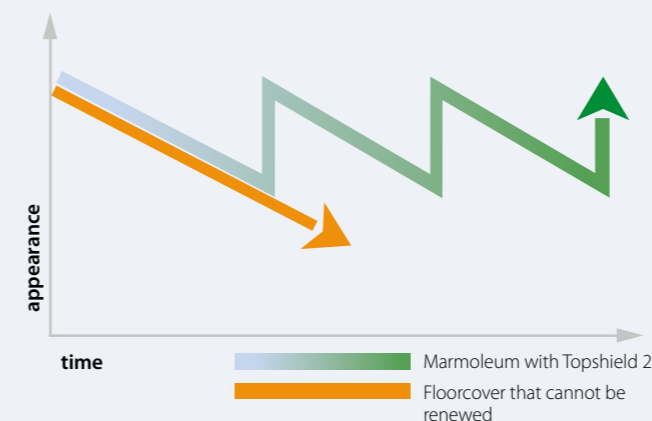


3. Occasional maintenance

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



Forbo Marmoleum is created out of 97% natural raw materials, that are rapidly renewable, such as linseed, rosin, jute and wood flour, or available in abundance, like limestone. Forbo Marmoleum has the lowest LCA in the resilient flooring category, making it the most sustainable choice when it comes to choosing a floor.



Because the finish of the floor can be refreshed the lifecycle of the floor can be prolonged as over time the floor continues to perform as it can be returned to its initial appearance. With Topshield2 the performance and appearance of the floor keeps up even under longer cleaning and maintenance intervals.