



FLOORING

STYLISH FLOOR DESIGN WITH Sika ComfortFloor®

BUILDING TRUST



MODERN

Sika ComfortFloor® brings modern flooring technology to your building projects, with systems based on polyurethane resin with natural materials contents. The

Sika ComfortFloor® systems are resilient and very wear resistant to accommodate stresses and ensure the attractive appearance is retained for many years.

These floor finishes are laid to be seamless, easy to clean and reducing life cycle costs. After its useful service life, the existing system can simply be overcoated as the



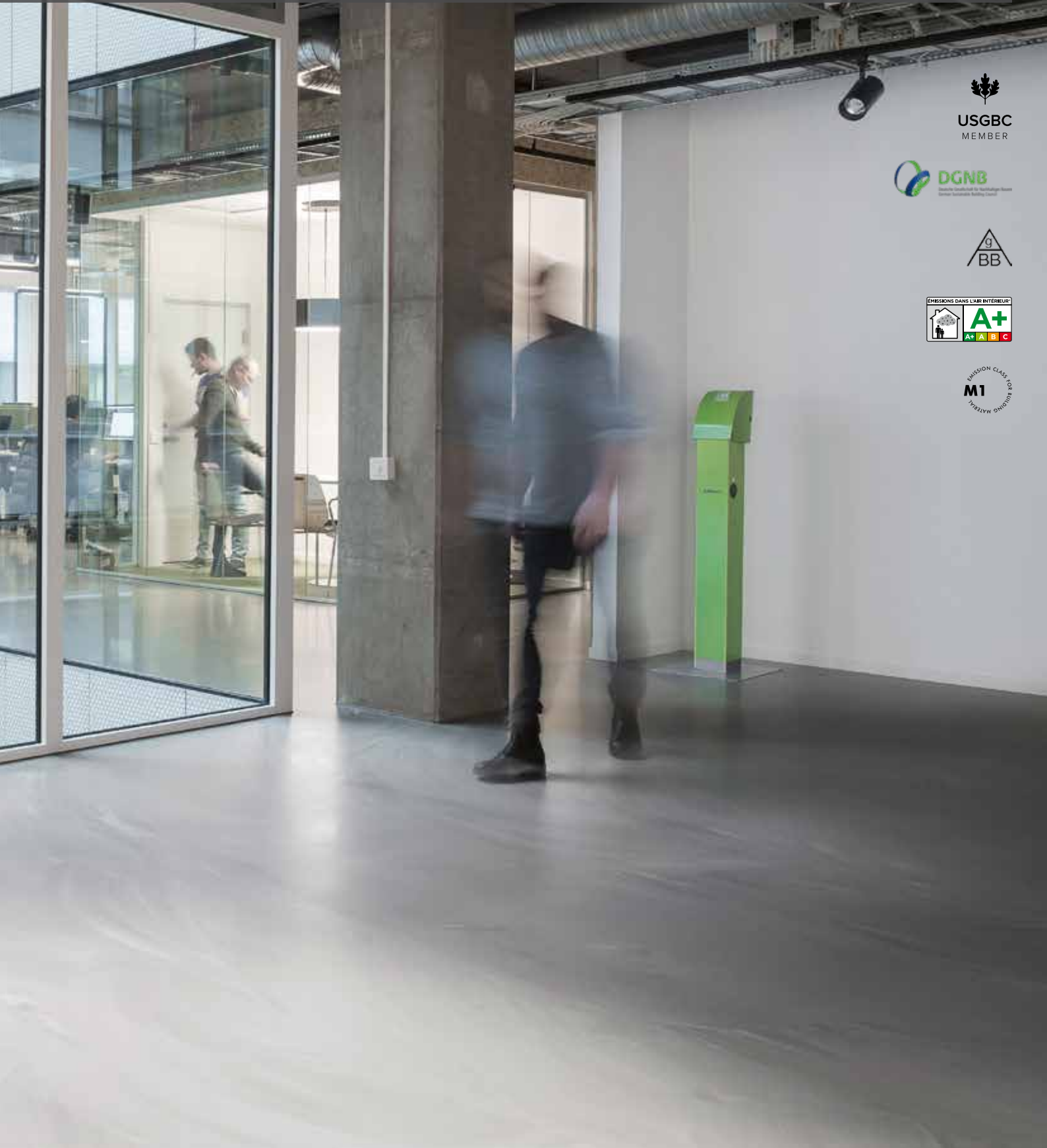
base layer of a new Sika ComfortFloor® system. A central sustainability factor is the extended service life of an existing floor, which decreases the need for new material, lowers waste generation and reduces life cycle costs at the same time.

Sika ComfortFloor® systems are odorless and contribute to good indoor air quality due to very low VOC emissions. The Sika ComfortFloor® systems and products are fully tested and meet the highest standards in terms of very low emission

flooring solutions, e.g. AgBB in Germany, A+ labelling in France, M1 in Finland, amongst others. Meeting low emitting materials requirements contributes to relevant credits of Green Building Certification Programs (e.g. LEED, BREEAM, DGNB), which include indoor air quality as a parameter for excellence in new building construction.

Furthermore, Sika ComfortFloor® systems are also a good investment in the long run, due to their ease of maintenance

without the need to completely reinstall a new flooring system. The Life Cycle Assessment (LCA) shows that Sika ComfortFloor® systems have a lower Energy (CED) and Carbon (GWP) Footprint over its entire service life than most other flooring technologies, because they do not require any cementitious underlays nor additional adhesives, they are fully monolithic with the concrete or screed of the building structure and can be easily overcoated.



UNDERSTATED

In response to designers demands, Sika ComfortFloor® systems are often used in neutral and pastel shades for subtle and generally understated floor design. This produces an ideal base for outstanding architectural and interior design features or bold elements such as artworks to best effect.

To harmonise the floor perfectly with design and function, the gloss levels of the floor finishes can be adjusted from matt to gloss as preferred.

With its resilient and elastic surface finishes, Sika ComfortFloor® systems can absorb significant impact sound, such as from footfall in the area, to ensure a quiet interior ambience. If other areas and rooms below the floor must be protected from noises, there are several specific Sika ComfortFloor® systems with additional high sound-absorption layers included.

A further advantage is that all these systems have the same finish available, so Sika ComfortFloor® systems with different defined performance characteristics can be laid side by side without any difference being visible.





THE CREATION OF ADAM

THE CREATION OF ADAM

PURE

With exceptional decorative, sealing topcoats combined with elastic base coats, Sika ComfortFloor® systems feel very natural underfoot. The floor surfaces feel warm to the touch and are also easy on the joints. These features make Sika ComfortFloor® systems the ideal floor finishes for many public and commercial areas, as well as throughout residential homes, educational and leisure facilities, including many rooms and areas in schools, multi-purpose sports halls and exercise studios.

By using the Purform® technology for higher-performance polyurethane products with ultra-low diisocyanate monomer content, we can meet the challenges of tomorrow, today and allow continued unrestricted use of our products by professionals. The technology brand Purform® is a composite of the words "Pure", "Polyurethane" and "Performance". The highest grade Sika ComfortFloor® PS-24 and Sika ComfortFloor® Marble FX systems have been slightly adjusted to consequently reduce user exposure to an absolute minimum. The performance and the outstanding look are proven having been used for years in uncountable projects globally and could even be improved further. This allows us to label these products with the Purform® label.





COLORFUL



Your choice of colors is unlimited with Sika ComfortFloor® systems. Working from a base of 72 standard color shades, the products can also be matched to RAL, NCS and other colors, such as your individual color palette or color matching requirements.

Special effects and striking multi-color designs are also easy to achieve with the liquid applied Sika ComfortFloor® systems. The different colors can be run seamlessly together along the defined lines or borders of your design, including free-hand for artistic creativity, where the color joins are imperceptible.

These beautiful colored designs can even be applied in areas with a high footfall, as the clear topcoats protect the surface, including light and bright colors, as well as making the surfaces easy to clean.

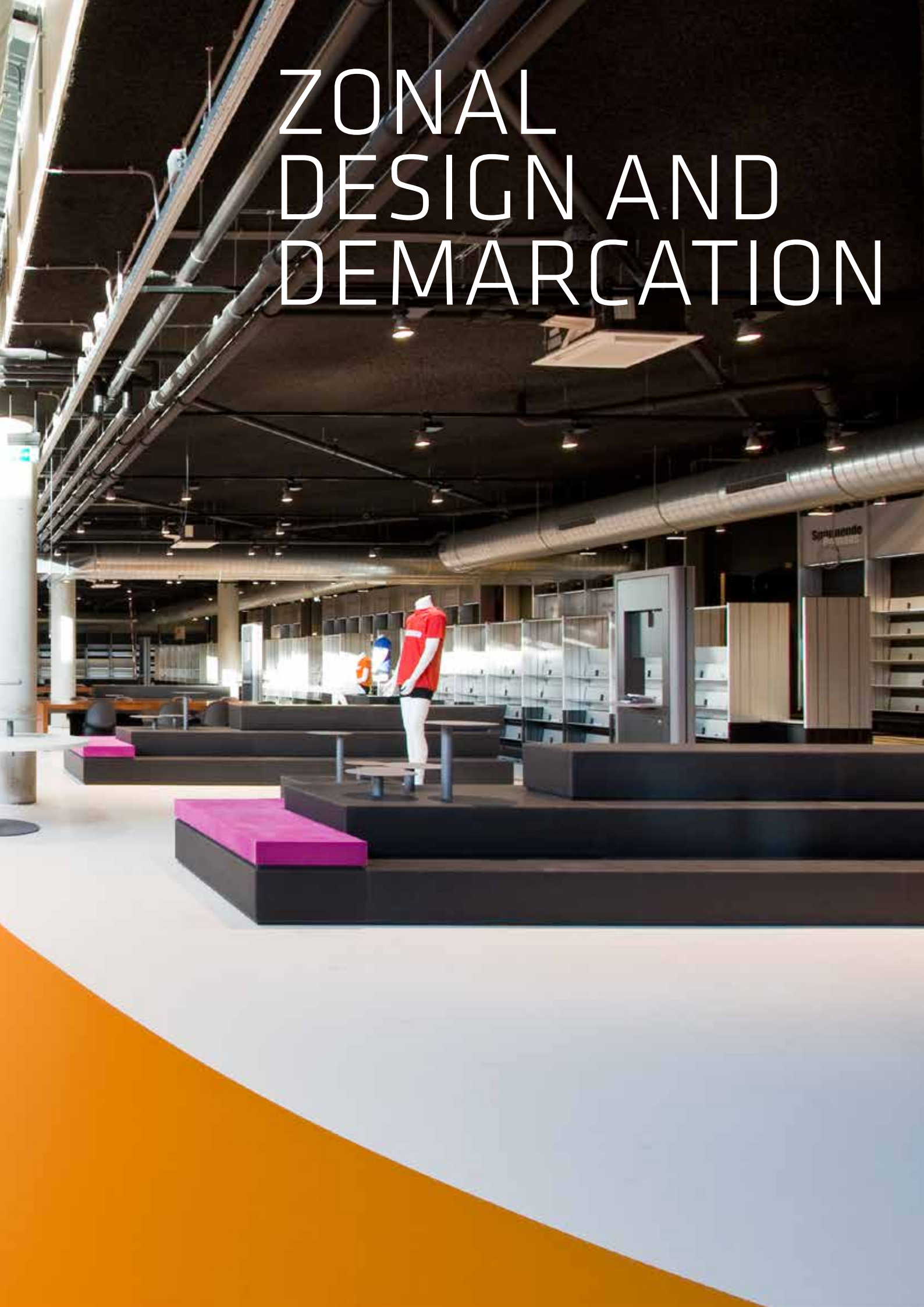


The floor design and its color can have significant influence on behavior and mood as well as directing or guiding regular users and visitors alike. Sika ComfortFloor® systems make it is easy to guide visitors in a particular direction or to defined areas, with specific colors and patterns. Curved lines or geometric shapes – almost anything is both theoretically and practically possible – and seamlessly.

Designers have the freedom to combine different colors and shapes to create the desired ambience and an extremely comfortable sense of space. Safety markings can also be integrated in the floor.

Sika ComfortFloor® allows you to realise your visions on the floor.

ZONAL DESIGN AND DEMARCATIION





Sika ComfortFloor® systems can be laid in subtle or striking plain and combinations of different colors in tune with modern design concepts. It is also possible to create many different patterns, for example by the inclusion of colored chips or flakes to add extra touches of color and design effects. Two or more color coordinated shades can be blended to obtain contrasting or tonal nuances such as like terrazzo. Specific images from the incorporation of branding and logos, to multi-colored designs by true artists can also be created in your new floor.

Sika ComfortFloor® Marble FX is the latest system in the range (see centrefold) of possible effects. The final

pattern is produced in the surface after the main coating system build-up, and completely new patterns and accent designs can be made with this new technology. The method is relatively easy to use and ensures that the unique finish can be made consistently over the whole area or room.

The aesthetic appearance and visual impact of these multi-color floor designs is not their only advantage, they also help to hide specks of dust and dirt between cleaning schedules. The surface floor cleaning costs can also be lower than for a plain floor as a floor with a slight pattern always tends to look cleaner.



PATTERNED
OR PLAIN

HYGIENIC

The highest standards of hygiene and easy to clean surfaces are essential in the healthcare sector. With Sika ComfortFloor® in combination with Sikagard® hygienic wall coatings, seamless, non-permeable and easy to clean, hygienic surfaces can be provided to floors, walls and ceilings in many types of healthcare facilities. Sikagard® hygienic wall coatings have a special in film preservative which prevents bacteria and mould growth. And the Sika ComfortFloor® seal coats are tested to the CSM Clean Room Standard, which certifies that the systems are low abrasion, low emission and not a breeding ground for bacteria.



For secure sealing and coving at floor-wall connections, any movement joints can be located in special details on the wall above the coving, so they cannot get dirty and damaged in service. For connections to drainage channels and gullies etc., the

details are integrated in the Sika ComfortFloor® system build-up, ensuring watertight seals that are also seamless. This simple and hygienic floor-wall-ceiling solution, helps make Sika ComfortFloor® floors and Sikagard® wall coatings, the preferred solution for many wet areas, such as bathrooms in healthcare, and changing rooms or showers in leisure facilities.



EASY TO CLEAN

Sika ComfortFloor® systems do not require any initial surface treatments or polymer coating applications before opening them to normal service, which is another real advantage and cost saving for these environments. The finished surfaces just need a simple cleaning regime to clean the floor, maintain its appearance and preserve their long-term investment. For example, Diversey, a leading global cleaning technology company, recommends the use of a non-film forming cleaning solution to be used in conjunction with proper cleaning pads. Alternatively, they can suggest a completely chemical-free cleaning procedure, by using their Diversey Twister Pad, an even more ecological cleaning solution for Sika ComfortFloor® systems.



TYPICAL APPLICATIONS

Sika ComfortFloor® systems PROVIDES different advantages for different customers and applications. Typical examples include:



COMMERCIAL & PUBLIC BUILDINGS:

For commercial and public building projects, Sika ComfortFloor® is the perfect solution for stylish and durable floor finishes. Seamless, pure look, easy to clean, and with an almost unlimited choice of color - Sika ComfortFloor® finishes allow freedom of design and architectural finishes in many different buildings, from shopping malls, retail stores and restaurants, to conference and exhibition halls, as well as many commercial offices and public authority buildings etc.



HEALTHCARE & MEDICAL FACILITIES:

Seamlessly-applied, Sika ComfortFloor® offers no possibility for bacteria to multiply in cracks or joints. They are frequently used together with Sikagard® hygienic wall coatings for healthcare and medical facilities from clinics to hospitals and nursing homes. Sika ComfortFloor® systems are ideal for many areas, including reception and waiting areas, corridors, and patient treatment rooms, right through to the operating theatres and ITC's (intensive care units).



EDUCATIONAL & SCHOOL BUILDINGS:

Colorful, durable and easy to clean - seamless Sika ComfortFloor® systems are ideal to create a stylish and exciting look in educational environments, from nurseries and kindergartens to high schools, universities and more. There are different systems in the ComfortFloor® range to meet the functional needs of almost any rooms and areas in these facilities, from the reception areas and corridors, to the classrooms, lecture theatres, and specialist training workshops, as well as cafeterias and libraries, plus the sports changing rooms and sports areas.



RESIDENTIAL BUILDINGS:

A softer surface, comfortable to walk on and warm underfoot, this is Sika ComfortFloor®. Available in a nearly unlimited range of colors, allowing freedom of design for any style and ambience. It is increasingly on trend for modern hotels and domestic homes to want the seamless, industrial look for that with Sika ComfortFloor® can be used for the latest open plan layout, or in specific rooms, such as the kitchen, living rooms, or for a superb, modern 'wet-room' style bathroom.

SELECTION GUIDE

Every system in the Sika ComfortFloor® range is designed with specific advantages for defined applications and uses in specific areas. The ability of these different systems to have an identical surface appearance, make it easy to combine these different system build-ups and functionality for a seamless solution across a project. Taking a healthcare physiotherapy facility as an example, a multi-layer build-up of the highly elastic Sika ComfortFloor® PS-65 system provides the ideal floor in the treatment rooms, whilst the durable and cost effective, two-layer build-up of a Sika ComfortFloor® PS-22 system is ideal for the reception and waiting area.

This Selection Guide gives comparative ratings for some of the most important properties and the different systems suitability for use in areas with different requirements. Every project has its own specific requirements, which is why your local Sika specialist is always available to support your assessment, selection and specification of the right Sika ComfortFloor® solution for your project.

Usage	Sika ComfortFloor® PS-21 Nature / Marble FX / Mineral FX / PS-22 / PS-24 /	Sika ComfortFloor® PS-65 / PS-66 / PS-68 / PS-69	Sikafloor® MultiFlex PS-35 ESD
Used for			
Walking comfort	xx	xxx	x
Acoustic / noise reducing	xx	xxx	x
Scratch resistance / resiliency	xxx	xx	x
Wet area suitability	xxx	-	-
Electrically conductive	-	-	xxx
Used in			
Libraries	xxx	xx	-
Classrooms	xxx	-	-
Nurseries	xx	xxx	-
Retail shops	xxx	x	-
Exhibition areas	xxx	x	-
Offices	xxx	-	x
Laboratories	xxx	x	xx
Changing rooms & toilets	xxx	x	-
Corridors / staircases	xxx	x	-
Operating theatre	xx	x	xxx
Patient consulting areas	xxx	x	x
Physiotherapy areas	xx	xxx	-
Residential - hotels & domestic	xxx	xxx	-

Not ideal: - Adequate: X Good: XX Excellent: XXX

The basis for these ratings is the typical everyday use in commercial buildings.

Sika ComfortFloor®

EXCEPTIONAL SYSTEMS FOR EVERY APPLICATION

MULTIPURPOSE SYSTEM

SYSTEM SPECIFIC BENEFITS:

- Polyurethane base coat, coloured sealed
- Good resiliency, absorbs pointloads and good scratch resistance
- Good mechanical and abrasion resistance
- Easy to overcoat after a few years

Sika ComfortFloor® PS-22

Variable, can be adjusted from tough elastic to elastic

3. Top coat:

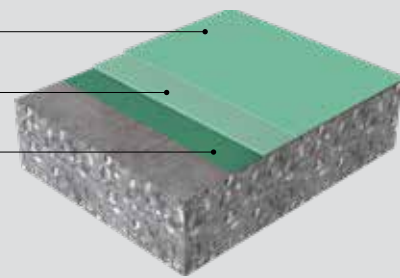
Sikafloor®-305 W

2. Base coat:

Sikafloor®-3310

1. Primer:

Sikafloor®-150 Plus/
-151



HIGHLY DECORATIVE SYSTEMS

SYSTEM SPECIFIC BENEFITS:

- Polyurethane base coat, transparent sealed
- Best color appearance
- Good mechanical and abrasion resistance
- Easy application
- Curing can be accelerated with Sikafloor®-3000 Snapbooster

MAIN USES:

All applications in which multi-colored, tone-in-tone or flake designs are desired or the highest demands on the color appearance are made, e.g. in public buildings, residential buildings, commercial buildings, offices.

Sika ComfortFloor® PS-24

Multicolor and flake designs possible

PURFORM
Pure Performance

3. Top coat:

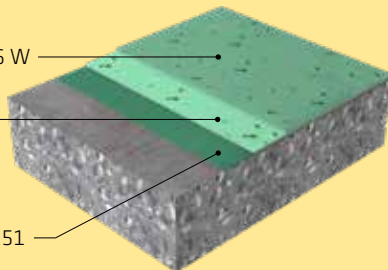
Sikafloor®-304 W/-306 W

2. Base coat:

Sikafloor®-3000 +
(opt. PVA flakes broadcast)

1. Primer:

Sikafloor®-150 Plus/-151



Sika ComfortFloor® Marble FX / Mineral FX

Unique tone-in-tone design
Patented technology

PURFORM
Pure Performance

3. Top coat:

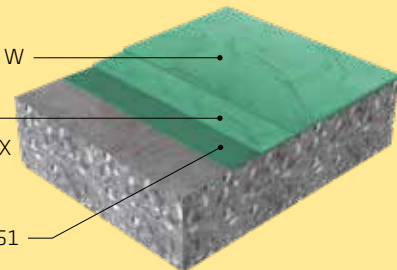
Sikafloor®-304 W/-306 W

2. Base coat:

Sikafloor®-3000 FX
(opt. Sikafloor®-3000 FX Additive)

1. Primer:

Sikafloor®-150 Plus/-151



SOUND DAMPENING AND MOST COMFORTABLE SYSTEMS

SYSTEM SPECIFIC BENEFITS:

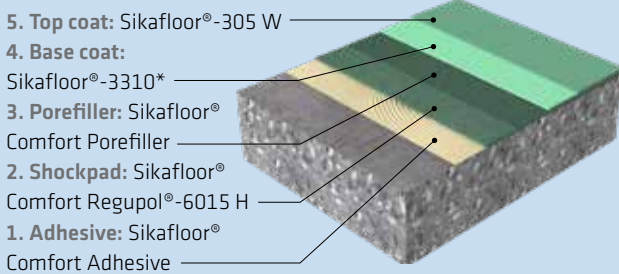
- Polyurethane base coat, colored sealed
- Sound dampening layer integrated
- Soft and safe to walk on
- Good mechanical and abrasion resistance
- Easy to overcoat after a few years

MAIN USES:

Kindergartens, day care centers, physiotherapy practices, shops, residential buildings

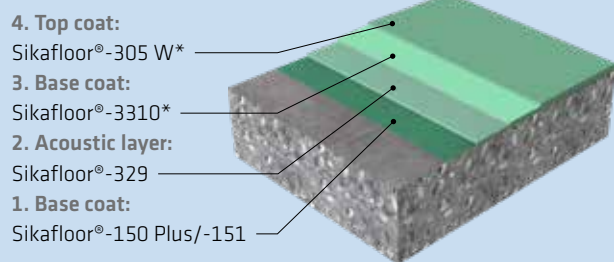
Sika ComfortFloor® PS-65

Rubber shockpad as acoustic layer
Very elastic and durable
Excellent sound reduction up to - 19 dB



Sika ComfortFloor® PS-68

Liquid applied acoustic layer
Easy liquid application
Good sound reduction up to - 16 dB



* Can also be combined with Sikafloor®-3000 / FX under the name PS-66 / PS-69.

SYSTEM FOR SPECIFIC REQUIREMENTS

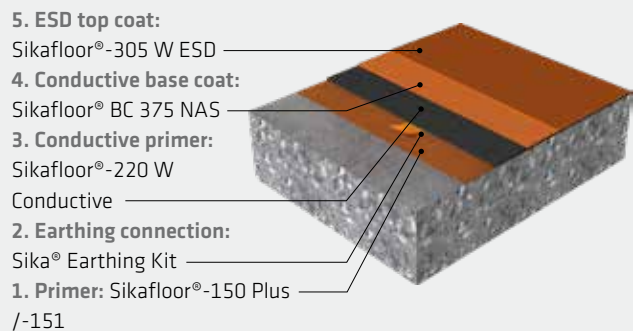
The perfect extension in the same look for areas which need conductive floors e.g. operation theaters, work places for electronic sensitive goods.

SYSTEM SPECIFIC BENEFITS:

- Tough elastic, conductive polyurethane system
- Sealer and base coat are conductive that leads to a high security of conductivity over the lifetime

Resistance to ground	$R_g < 10^9 \Omega$	(IEC 61340-4-1)
Typical average resistanceto ground	$R_g < \sim 10^5 - 10^6 \Omega$	(DIN EN 1081)
Body voltage generation	$< 100 \text{ V}$	(IEC 61340-4-5)
System Resistance (Person/Floor/Shoe)	$R_g < 10^9 \Omega$	(IEC 61340-4-5)

Sikafloor® Multiflex PS-35 ESD



For **technical areas** such as kitchens, logistics, car parks and more, please check the suitable Sikafloor® systems on sika.com



For **sports flooring**, please check the Pulastic webpage

Sikafloor®-3000 Snapbooster – TIME IS MONEY

Get areas fast back to service

SIKA CURING-BY-DESIGN TECHNOLOGY shows its capabilities now for the first time in flooring applications. Sikafloor®-3000 Snapbooster is given as a third component which can be added to the standard wear coat materials Sikafloor®-3000 and Sikafloor®-3000 FX when a fast curing is required. The application and working process remain the same, but once the curing process has started, it cures rapidly. This enables an application of all layers of the floor system build-up to be finished within one single day and the floor can be used in a very short time.

SIKA CURING-BY-DESIGN TECHNOLOGY

ENABLES A PARADIGM SHIFT IN POLYURETHANE FLOORING:
STANDARD APPLICATION TIME FOLLOWED BY EXTREMELY FAST CURING.

FASTER INSTALLATION AND OVERALL
COMPLETION WITH LESS WAITING TIME
THAN CONVENTIONAL PU FLOORS!

FEATURES NORMAL OPEN (WORKING)
TIMES FOR EFFICIENT AND TOP-QUALITY
APPLICATIONS.

CUSTOMER BENEFITS:

VERY SHORT DOWN TIMES, GETTING
AREAS BACK INTO SERVICE QUICKLY

INCREASED INSTALLATION
EFFICIENCY AND SECURITY

SIKA ComfortFloor® CAN NOW BE USED
FOR CRITICAL AREAS WITH MINIMAL
DOWNTIME AND CLOSURES ALLOWED

ENABLES NEW FAST-TRACK
OPPORTUNITIES FOR OWNERS AND
CONTRACTORS IN BOTH NEW
AND REFURBISHMENT PROJECTS

MORE PRODUCTIVE INSTALLATION
AND EASY HANDLING OF
Sikafloor®-3000 Snapbooster

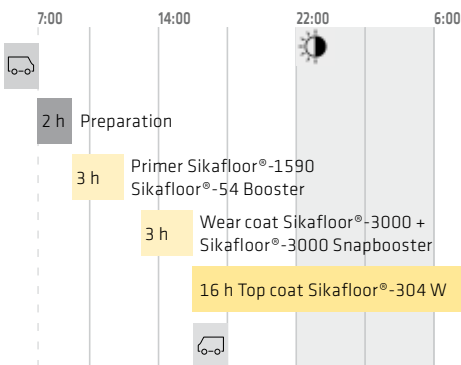
THE WORKING DAY INSTALLING Sika ComfortFloor® RESIN SYSTEMS IS SPENT MORE EFFECTIVELY: UNPRODUCTIVE WAITING TIMES FOR THE PRODUCTS TO CURE CAN BE MINIMISED OR EVEN AVOIDED.



With a typical polyurethane resin flooring system, each layer of the build-up generally needs one day for application and curing. To be honest, this can usually be planned and scheduled for each specific area, according to its size, the nature of the project and the overall construction program. However, there are an increasing number of projects where a faster return-to-service is required, or the floor area is

relatively small, meaning that it is uneconomic to spend several days working to achieve the full system build-up. This is particularly true when extended travel times to the site also shorten the working day, and therefore it would be beneficial to carry out as many of the working steps as possible or to even be able to complete the build-up in a single day.

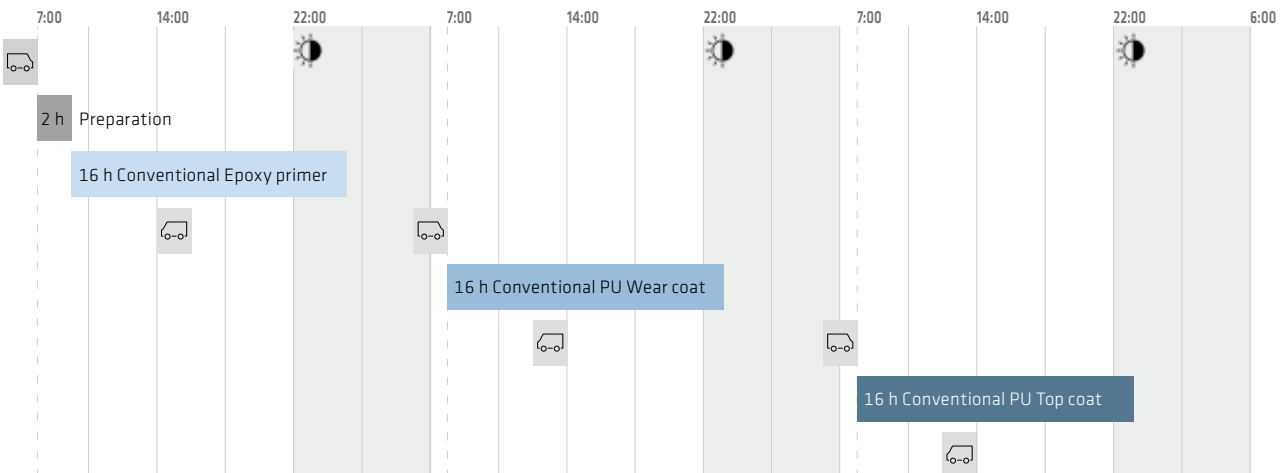
Below is an example of a typical project with Sika ComfortFloor® being installed with the new Sikafloor®-3000 Snapbooster compared with a standard application without booster (100 m² at 20°C).

Sika ComfortFloor® + Sikafloor®-3000 Snapbooster

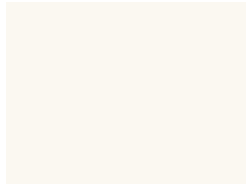


<p>Sika ComfortFloor® + Sikafloor®-3000 Snapbooster</p> <p>1 day</p> <p>1 day (full)</p>	 Back to service after	<p>Conventional PU Floor</p> <p>3 days (best case scenario)</p> <p>3 days (partially) + a lot of time spent in the van</p>
	 Working time required	

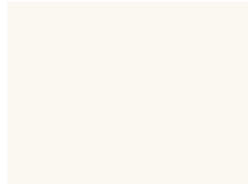
Conventional PU



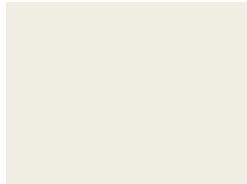
Sika ComfortFloor® STANDARD COLORS



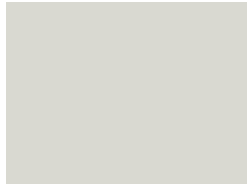
Sika Frosty Tree**



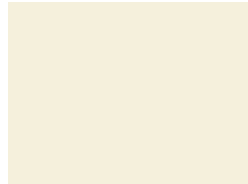
Sika Winter Ice**



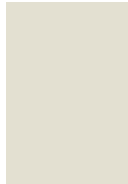
Sika Young Cotton**



Sika Grey White*



Sika Oyster Secret*



Sika Pearl



Sika Wild Orchid**



Sika Lila Touch**



Sika Purple**



Sika Lavender Field*



Sika Smokey Evening*



Sika Distant



Sika Mystical Grape*



Sika Signal Grey*



Sika Ice Blue*



Sika Stone Cold*



Sika Gun Metal*



Sika Dolphin



Sika Spring Grass***



Sika May Green**



Sika Lime Green**



Sika Avocado*



Sika Sea Mist**



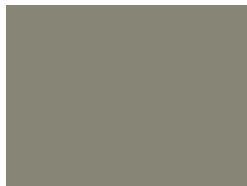
Sika Art Deco*



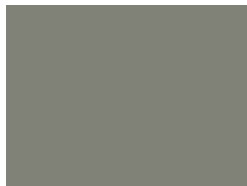
Sika Moisty Shine*



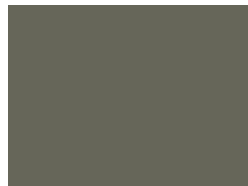
Sika Young Olive**



Sika Florida Classic*



Sika Brown Grey*



Sika Dusty Cloud*



Sika Hot



Sika Dust Grey*



Sika Rocky Road*



Sika Deep Iron*



Sika Stone Grey*



Sika Medium Grey*



Sika Steely



Sika Concrete Grey*



Sika Quartz Grey*



Sika Dark Iceland*



Sika Umbra Grey*



Sika Shadow Move*



Sika Black*



* - *** indicates the number of top coats with Sikafloor®-305 W to get perfect finish.

The colors are indicative. Always request a color sample as a reference first.

In addition to these standard colors, the products can also be ordered in most colors according to RAL and NCS color system.

Sika ComfortFloor® Marble FX COLORS



Sika Young Cotton



Sika Pearl White



Sika Grey White



Sika Brown Beige



Sika Light Ivory



Sika Ivory Drop



Sika Sun Fire



Sika Matt Rose



Sika Smoked Saumon



Sika Desert Sun



Sika Sweet Citrus



Sika Bordeaux Wine



Sika Oxid Red



Sika Purple



Sika Lila Touch



Sika Lavender Field



Sika Mystical Grape



Sika Wild Orchid



Sika Distant Blue



Sika Ice Blue



Sika Smokey Evening



Sika Ocean Brush



Sika Sea Mist



Sika Sky Line



Sika Bright Blue



Sika Steel Blue



Sika Violet Blue



Sika Gun Metal



Sika Pastel Blue



Sika Brilliant Blue



Sika Midnight Spark



Sika Art Deco



Sika Cool Chill



Sika Avocado



Sika Spring Grass



Sika Lime Green



Sika Moisty Shine



Sika May Green



Sika Young Olive



Sika Florida Classic



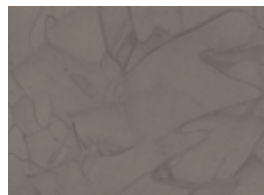
Sika Latte Macchiato



Sika Mocca Coffee



Sika Brown Grey



Sika Dusty Cloud



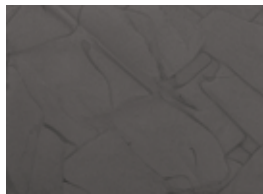
Sika Hot Cocolate



Sika Rocky Road



Sika Autumn Chestnut



Sika Brown Reddish



Sika Stone Brown



Sika Sepia Brown



Sika Signal Grey



Sika Steely Glimpse



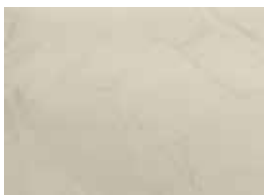
Sika Tele Grey



Sika Silk Grey



Sika Stone Grey



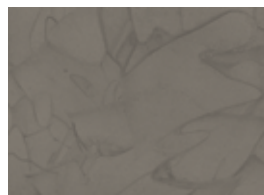
Sika Amberish Grey



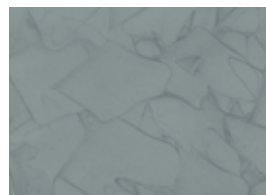
Sika Stone Gold



Sika Medium Grey



Sika Deep Iron



Sika Dolphin Grey



Sika Concrete grey



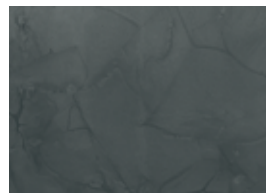
Sika Quartz Grey



Sika Dark Iceland



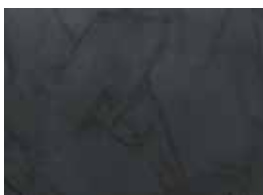
Sika Umbra Grey



Sika Dust Grey



Sika Shadow Move



Sika Black

The colors are indicative. Always request a color sample as a reference first.



**ELEGANT,
SLEEK LOOK**

INCORPORATE LOGOS, SIGNAGE
AND PATTERNS INTO THE DESIGN

FOOT WARM
SURFACE



NEARLY UNLIMITED COLOR CHOICE

CONTRIBUTING
TO LEED V4
AND OTHER
GREEN BUILDING
CERTIFICATION
PROGRAMS



SOFT AND ELASTIC TO WALK ON

HYGIENIC FLOORING AND WALL COATING BASED ON

**OVER 40 YEARS OF
EXPERIENCE**

EASILY RECOATED RATHER THAN
RIPPED UP LIKE SHEET SYSTEMS



LOW LIFE CYCLE COST



CONTRIBUTES TO GOOD INDOOR AIR QUALITY, MEETS M1, AGBB, A+, INDOOR AIR COMFORT GOLD



RESILIENT AND WEAR RESISTANT

SEAMLESS APPLIED
EASY TO CLEAN

SUPERIOR ACOUSTICS IN THE ROOM BUT ALSO SOUND DAMPENING FOR THE ROOM BELOW, UP TO -19 DB SOUND REDUCTION



BIM DETAILS

LOW VOC,
VOC BELOW
0.5 MG/M³

EXTEND LIFE OF SYSTEM UP TO 40 YEARS

A GLOBAL COMPANY BUT LOCAL PARTNER



FOR MORE SIKA FLOORING INFORMATION:



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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BUILDING TRUST

