

TILING SYSTEM SOLUTIONS

TILING TO THE HIGHEST QUALITY

BUILDING TRUST





TILING TO THE HIGHEST QUALITY

From decorative tiled surfaces to highly functional tiled wall and floor finishes, tiling is one of the most popular surface finishing techniques that are used to enhance the appearance and functionality of all types of buildings and facilities. It is always crucial to select the right tile and the right tile installation system for each different area of each specific project. This should include the correct surface preparation, waterproofing and joint sealing solutions for each area and tile in order to ensure the right quality and durability. Sika has developed a comprehensive range of tile adhesives, tile grouts and useful ancillary products that are designed for use as integrated systems to achieve the optimum results.

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TILING WITH LARGE-FORMAT CERAMIC

Sika tile installation systems provide: a flat surface that is achieved with levelling technology designed to avoid separation and imperfections, together with an excellent finish. This is easily achieved by the use of a new generation, high performance, highly deformable, cementitious adhesive with a high polymer content, which is applied in double spreading.

Then a flexible tile grout with low modulus and excellent mechanical strengths and high abrasion resistance is used, together with a high performance elastic, polyurethane based sealant for all potentially moving joints and connections.



- 1 SURFACE PREPARATION**
SikaScreed®-1
Premix product for screeds
- 2 TILE ADHESIVE**
SikaCeram®-205 Large
Cementitious flexible tile adhesive
- 3 TILE GROUT**
SikaCeram® CleanGrout
Cement based grout for joints from 1 to 8 mm width
- 4 SEALANT**
Sikaflex®-11 FC+
High-performance PU sealant

SikaCeram®-205 Large

Cementitious tile adhesive for fixing all types of ceramic tiles of a medium to larger size, with extended open time and high resistance to vertical slip.

MAIN CHARACTERISTICS:

- For both interior and exterior applications
- Can be applied at up to 10 mm thick
- Available in white and grey, supplied in 25 kg valve bags
- Classification: C2TE



Larger ceramic and natural stone tiles create a seamless and contemporary look. But laying larger tiles successfully for the long-term, requires not only good skills but also advanced solutions that guarantee maximum reliability and performance.



TILING WITH PORCELAIN STONEWARE

For these areas and exposure conditions it is necessary to use a tile installation system that is also able to meet these requirements and accommodate the high stresses. This means providing a suitable substrate with high compressive and tensile strengths. Sika installation systems achieve this with a new generation of polymer modified tile adhesives that are

specifically designed for bonding non-absorbent materials. Then finishing is with a flexible tile grout that also has a good mechanical strengths and high abrasion resistance. A high performance polyurethane based elastic sealant is used for any movement, isolation or connection joints that must be brought through the system.



- 1 SURFACE PREPARATION**
SikaScreed®-1
Premix product for screeds
- 2 TILE ADHESIVE**
SikaCeram®-255 StarFlex LD
Deformable cementitious tile adhesive with low dust technology
- 3 TILE GROUT**
SikaCeram® StarGrout
Epoxy based grout for joints from 1 to 15 mm width
- 4 SEALANT**
Sikaflex®-11 FC+
High-performance PU sealant

SikaCeram®-255 StarFlex LD

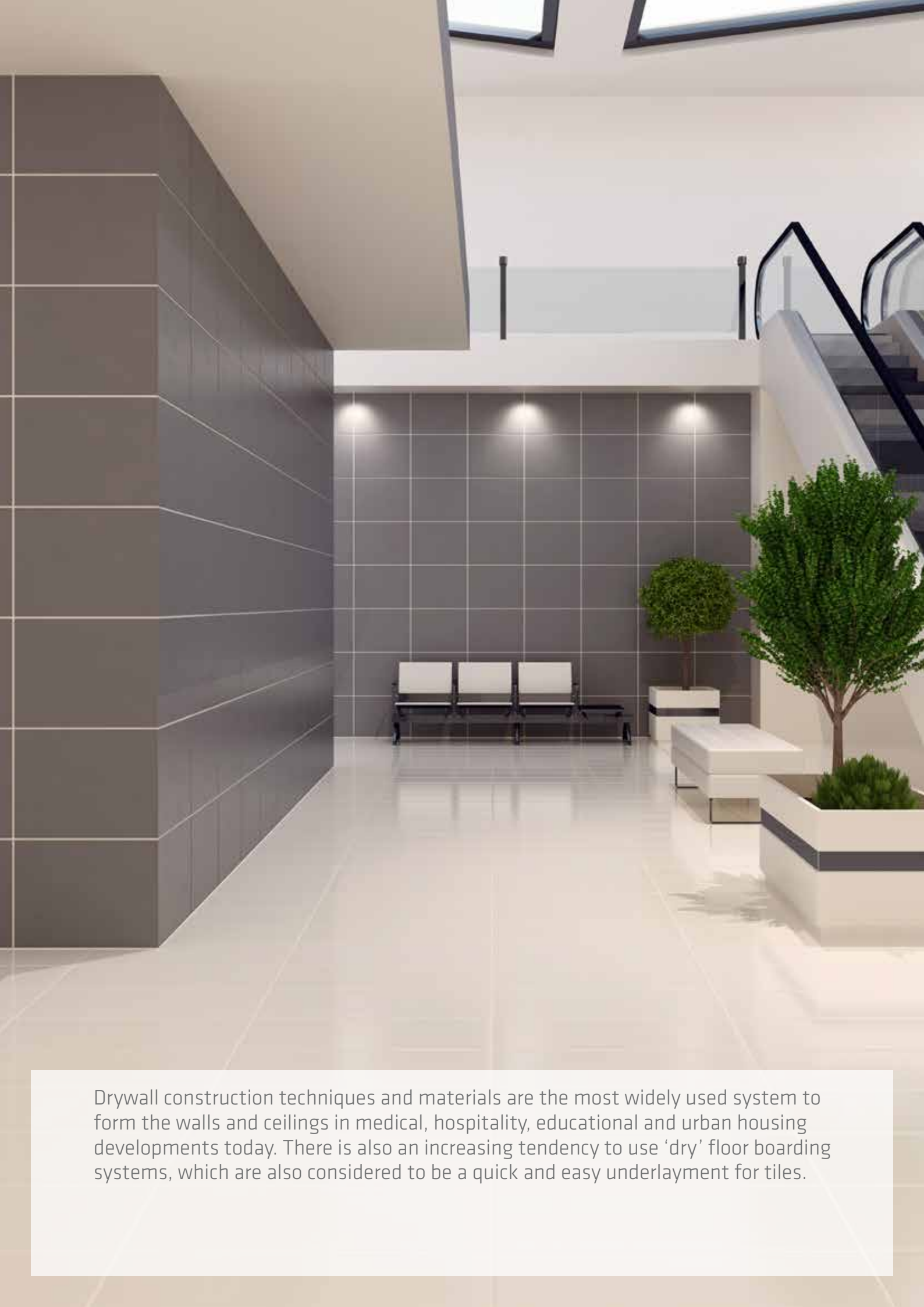
Deformable cementitious tile adhesive, with extended open time and low dust technology.

MAIN CHARACTERISTICS:

- For both interior and exterior applications
- Can be applied at up to 15 mm thick
- Available in white and grey, supplied in 25 kg valve bags
- Classification: C2TES1



Porcelain tiles are highly durable ceramic tiles, as they are produced under higher pressures and temperatures to be extremely hard and non-absorbent. Therefore they are frequently selected by demanding project owners who value performance and reliability, both in residential and public areas.



TILING DRYWALLS IN DRY AREAS

Sika provides a full system for the secure installation of tiles on these substrates used traditionally now in dry areas, not regularly exposed to moisture. Firstly a primer is applied to seal the surface and prevent any gypsum contact with cement; then flexible dispersion on vertical application and

cementitious tile adhesives with a high polymer content on horizontal application; followed by a two-component water-proof epoxy tile grout with high mechanical and chemical resistance. Finally the system is completed with a high performance, antifungal, elastomeric movement and connection joint sealant.



- 1 SURFACE PREPARATION**
Sika Primer®-11 W*
 Synthetic resin based primer
* Not necessary with SikaCeram®-355 StarPaste
- 2 TILE ADHESIVE (wall)**
SikaCeram®-355 StarPaste
 Ready to use tile adhesive in paste
- 3 TILE ADHESIVE (floor and/or wall)**
SikaCeram®-255 StarFlex LD
 Deformable cementitious tile adhesive with low dust technology
- 4 TILE GROUT**
SikaCeram® StarGrout
 Epoxy based grout for joints from 1 to 15 mm width
- 5 SEALANT**
Sikasil® C
 Neutral-curing silicone sealant

SikaCeram®-355 StarPaste

Ready-to-use tile adhesive in paste form, with very low consumption in comparison to traditional pastes, designed for interior applications on walls.

MAIN CHARACTERISTICS:

- Can be used directly over old ceramic tiles or paint, at up to 5 mm thick
- Provides up to 50% more coverage than conventional pastes
- Dust free in two ways:
 - It is a dispersion paste – no powder and no dust
 - No removal of old tiles or paint is needed – no extra work and no dust
- Available in white, supplied in 8 kg and 15 kg pails
- Classification: D2 TE



Drywall construction techniques and materials are the most widely used system to form the walls and ceilings in medical, hospitality, educational and urban housing developments today. There is also an increasing tendency to use 'dry' floor boarding systems, which are also considered to be a quick and easy underlayment for tiles.

TILING DRYWALLS IN WET AREAS



Drywall materials and techniques are quick and easy to work with, which contributes to their growing popularity, even for use in wet areas. However, they are not moisture resistant and therefore require special treatment and protection against the penetration of water in both vapor and liquid form.

Sika provides a full system to fulfill these demanding requirements. Firstly a liquid, elastic waterproofing membrane is applied, with compatible sealing tape to waterproof and seal at any joints, around fittings, penetrations and at all perimeter terminations. Then a flexible dispersion or cementitious tile adhesive with a high polymer content is used for the tile

installation. A special highly flexible epoxy tile grout with high mechanical strengths and abrasion resistance is applied in the selected color shade. Finally the system is completed with a high performance, antifungal, elastomeric, movement and connection joint sealant.



- 1 LIQUID APPLIED MEMBRANE**
Sikalastic®-200 W
Liquid applied waterproofing membrane
- 2 WATERPROOFING TAPE**
Sika® SealTape
Elastic sealing tape
- 3 TILE ADHESIVE (wall)**
SikaCeram®-355 StarPaste
Ready-to-use tile adhesive in paste
- 4 TILE ADHESIVE (floor and/or wall)**
SikaCeram®-255 StarFlex LD
Deformable cementitious tile adhesive with low dust technology
- 5 TILE GROUT**
SikaCeram® StarGrout
Epoxy based grout for joints from 1 to 15 mm width
- 6 SEALANT**
Sikasil® C
Neutral-curing silicone sealant

SikaCeram® StarGrout

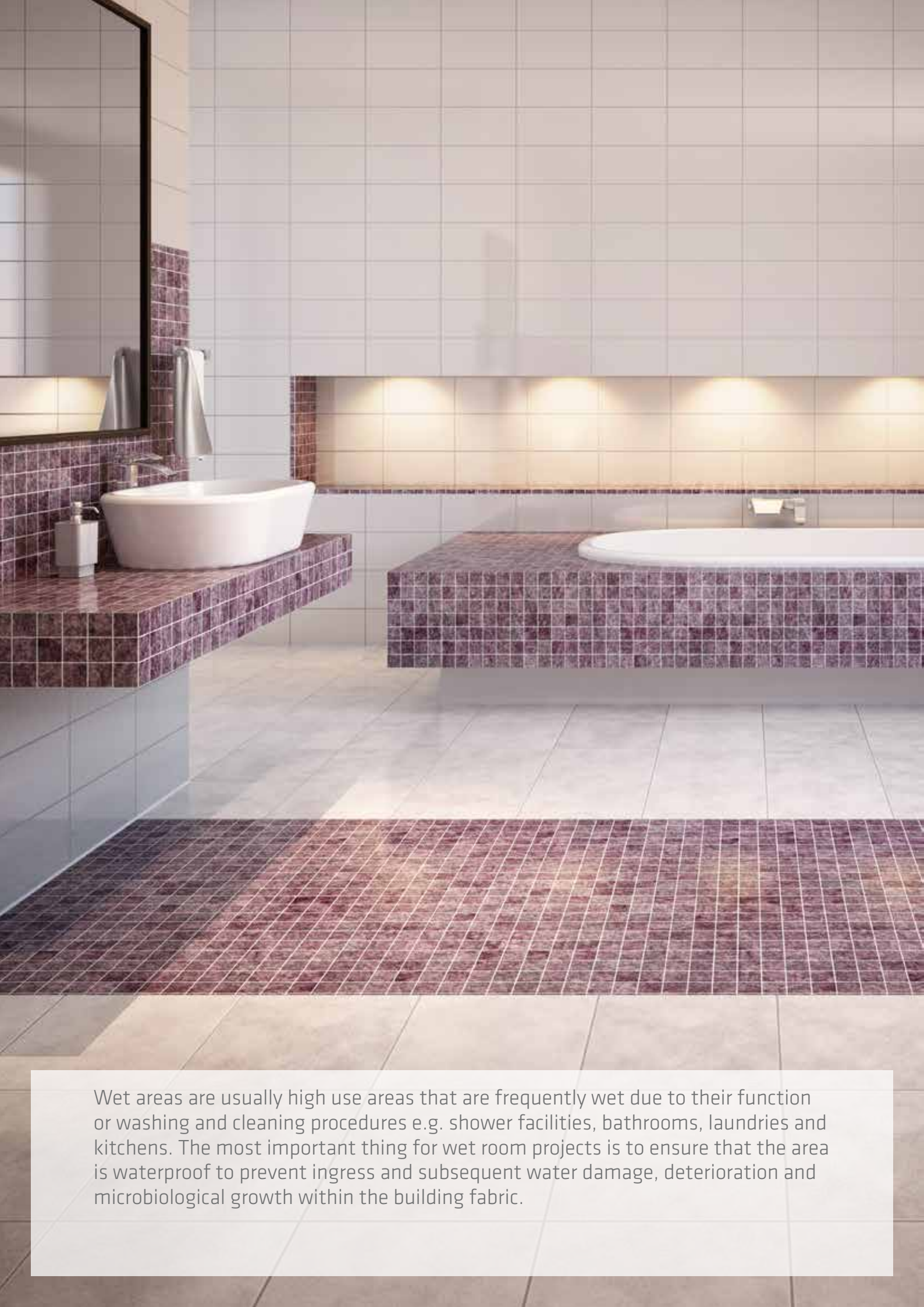
Two-component, colored epoxy tiling grout, for joints from 1 to 15 mm wide, with excellent workability, reduced odor and high mechanical and chemical resistance.

MAIN CHARACTERISTICS:

- Premium product suitable for grouting all types of ceramic tiles, mosaic and natural stone
- For both interior and exterior applications
- Due to its extremely high resistance it is the ideal grouting solution for projects where watertightness and hygiene play a deciding role, such as swimming pools or laboratories
- Available in 10 colors, supplied in 3 kg pails
- Classification: RG and R2T



TILING FOR WET ROOMS



Sika provides a complete integrated system to fulfill the very demanding requirements of these areas. Firstly the surfaces are made waterproof using a one-component cementitious mortar, which is highly flexible and fiber-reinforced. Then a flexible cementitious adhesive with a high polymer content is used for the tile installation, which is followed by a special

highly deformable, waterproof, two-component, epoxy tile grout. This is designed to provide high chemical and abrasion resistance in the selected color shade. Finally, the system is completed with a high performance, antifungal, movement and connection joint sealant.



- 1 SURFACE PREPARATION**
Sikafloor®-200 Level
Self levelling compound
- 2 WATERPROOFING MORTAR**
Sikalastic®-1 K
One component cementitious mortar
- 3 WATERPROOFING TAPE**
Sika® SealTape
Elastic sealing tape
- 4 TILE ADHESIVE**
SikaCeram®-270 MultiFlow
Versatile fast-setting tile adhesive
- 5 TILE GROUT**
SikaCeram® StarGrout
Epoxy based grout for joints from 1 to 15 mm width
- 6 SEALANT**
Sikasil® C
Neutral-curing silicone sealant

Sikalastic®-1K

One component, fiber-reinforced waterproofing mortar for flexible applications due to its excellent crack-bridging performance.

MAIN CHARACTERISTICS:

- Can be applied at different consistencies
– only water needs to be added
- Available in 20 kg valve bags
- Classified according EN 14891, EN 1504-2

(Method 1.3, 2.3 and 8.3) and Italian Regulation D.M 174-2004 for drinking water contact



Wet areas are usually high use areas that are frequently wet due to their function or washing and cleaning procedures e.g. shower facilities, bathrooms, laundries and kitchens. The most important thing for wet room projects is to ensure that the area is waterproof to prevent ingress and subsequent water damage, deterioration and microbiological growth within the building fabric.

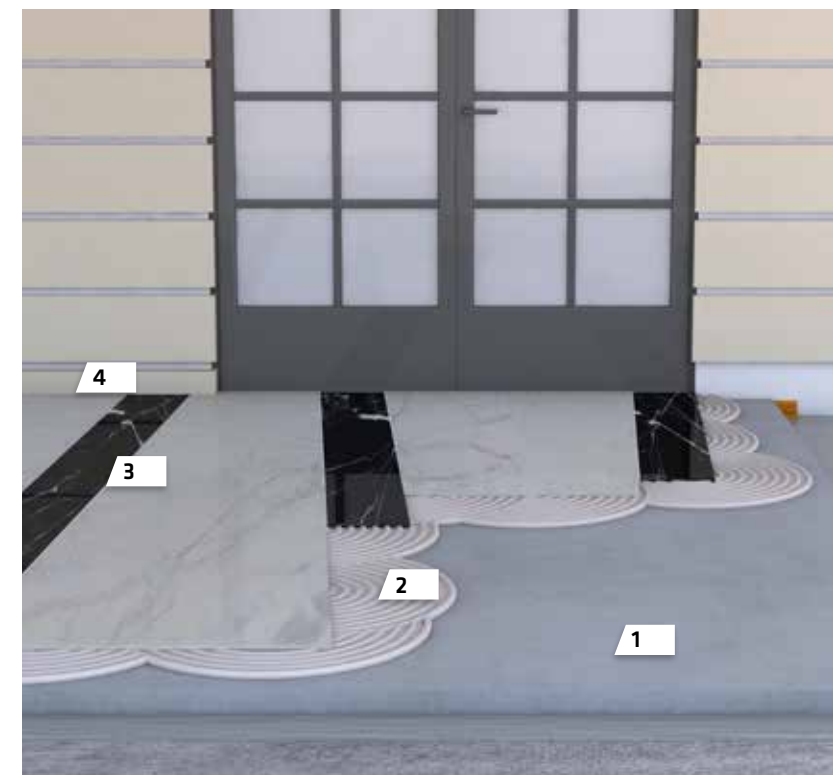


Natural stone tiles are one of the most timeless and elegant finishing materials that never goes out of style. Sika provides a complete installation system for marble, granite and other natural stone tiles, which is not sensitive to moisture.

TILING WITH MARBLE, GRANITE & OTHER NATURAL STONE TILES

This Sika system includes subfloor screeds made with a hydraulic binder that ensures high compressive and tensile strengths, plus rapid hardening with very low shrinkage, thus allowing installation of the tiles after only 24 - 48 hours. For these natural stone materials, the Sika system uses a new generation of flexible, cementitious tile adhesive, with a high

polymer content and low modulus that minimizes stress transfer. Finally, flexible, epoxy resin based grouts with high mechanical strengths and abrasion resistance are used, together with permanently elastic high performance non staining sealant for any moving joints and connections.



- 1 SURFACE PREPARATION**
SikaScreed®-1
Premix product for screeds
- 2 TILE ADHESIVE**
SikaCeram®-270 MultiFlow
Versatile fast-setting tile adhesive
- 3 TILE GROUT**
SikaCeram® StarGrout
Epoxy based grout for joints from 1 to 15 mm width
- 4 SEALANT**
SikaHyflex®-355
Sika® Primer-3 N*
High performance non staining sealant
* For the sealant

SikaCeram®-270 MultiFlow

Deformable, fast-setting tile adhesive that can be applied in four different consistencies, according to different application requirements.

MAIN CHARACTERISTICS:

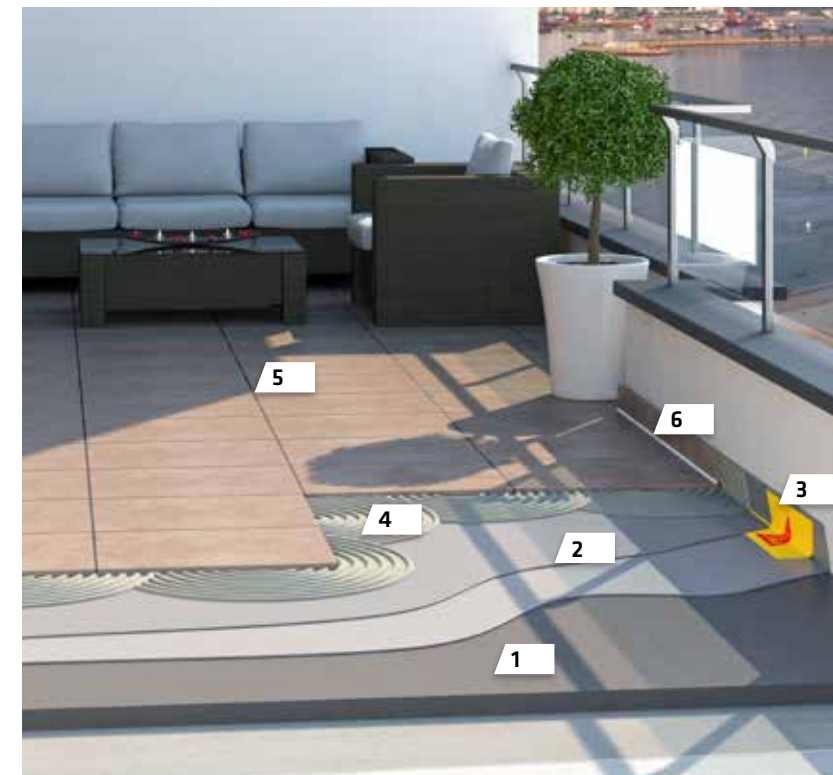
- Technology designed for natural stone such as marble and other metamorphic stones that can be sensitive to discoloration; but also ideal for vitrified tiles
- Can be installed with variable mixing ratios (just by adding different amount of water), for example to use in a thin-, medium-, or thick-bed and flowable consistency
- Fast setting
- Provides up to 22% more coverage than traditional products
- Available in grey, supplied in 25 kg valve bags
- Classification: C2 FTE S1



TILING NEW BALCONIES

The Sika installation system starts with the waterproofing layer, which uses a flexible, fiber-reinforced mortar that can be applied just 24 - 48 hours after the floor screed has been laid. Then the special cementitious tile adhesive is applied, which is specially designed for use on fully exposed balconies that are subject to extreme weather conditions. This is flexible, with a high polymer content to accommodate movement due to both

wide and rapid temperature variations. The cement based tile grout is also flexible with a low modulus of elasticity, in order to minimize stress transfer to the substrate, whilst retaining good mechanical strengths and abrasion resistance. A high performance, elastic sealant is used to seal any moving joints or connections and ensure that they also remain watertight.



- 1 SURFACE PREPARATION**
Sikafloor®-200 Level
Self levelling compound
- 2 WATERPROOFING MORTAR**
Sikalastic®-1 K
One component cementitious mortar
- 3 WATERPROOFING TAPE**
Sika® SealTape
Elastic sealing tape
- 4 TILE ADHESIVE**
SikaCeram®-270 MultiFlow
Versatile fast-setting tile adhesive
- 5 TILE GROUT**
SikaCeram® CleanGrout
Cement based grout
- 6 SEALANT**
Sikaflex®-11 FC+
Elastic adhesive sealant

SikaCeram® CleanGrout

Cement-based grout for tile joints from 1 to 8 mm, ideal for ceramic and natural stone tiles, as well as for glass mosaics. It is available in a wide color range.

MAIN CHARACTERISTICS:

- For both interior and exterior applications
- For all types of tiles, mosaic, marble and natural stone
- High-quality, water-repellent tile grout that also inhibits the formation of mould and bacterial growth
- Available in 25 different colors, supplied in 2 kg and 5 kg bags
- Classification: CG2 WA



The build-up and installation of tiled finishes on new balconies requires careful design and execution, in order to prevent commonly occurring problems such as uneven floors, inadequate drainage and/or incomplete waterproofing and detailing at the perimeters, etc.

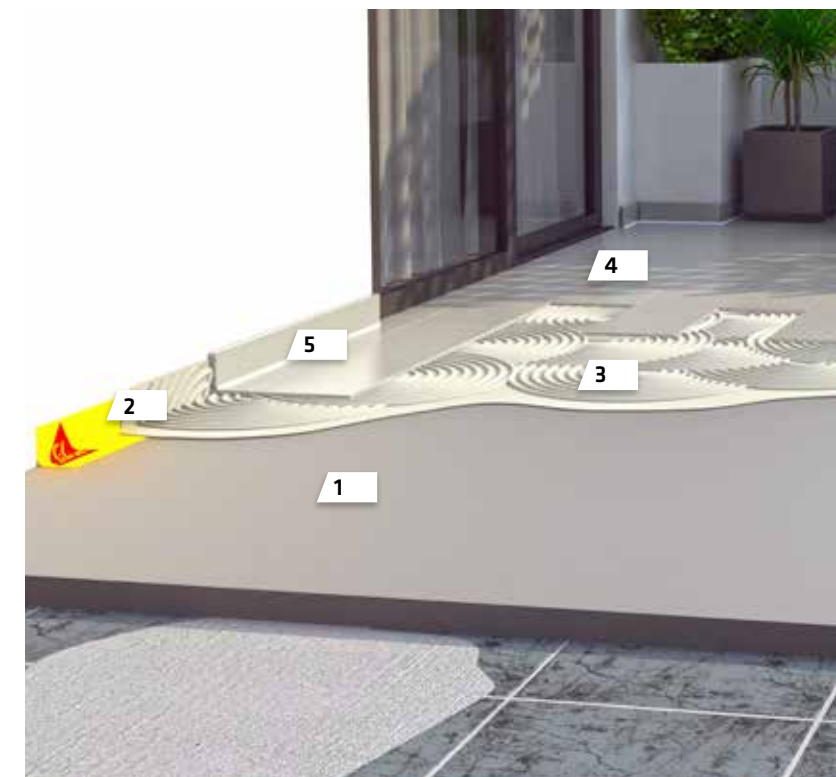


The penetration of water from exposed horizontal surfaces such as tiled terraces and balconies is a common cause of damage and deterioration in many buildings. The solutions provided by Sika enable the rapid refurbishment and upgrading of these areas.

REFURBISHMENT OF TILED BALCONIES

After removing any loose tiles and grout, then cleaning all of the sound surfaces, Sika repair mortars are used to fill any voids and restore the levels. The innovative 2-in-1 waterproofing layer and tile adhesive is applied in one single application, which is ideal for use on these areas exposed to the elements and all weather conditions. This solution therefore

also saves you significant time and reduces the overall cost of the works. The system is completed with a flexible cementitious tile grout that has good mechanical and abrasion resistance. Finally, a high performance, elastic sealant is used to seal any moving joints or connections and ensure they also remain watertight.



- 1 SURFACE PREPARATION**
Sikafloor®-200 Level
Self levelling compound
- 2 WATERPROOFING TAPE**
Sika® SealTape
Elastic sealing tape
- 3 WATERPROOFING & TILE ADHESIVE**
SikaCeram®-500 Ceralastic
Waterproofing and tile adhesive in only one product and layer
- 4 TILE GROUT**
SikaCeram® CleanGrout
Cement based grout
- 5 SEALANT**
Sikaflex®-11 FC+
Elastic adhesive sealant

SikaCeram®-500 Ceralastic

2-in-1 waterproofing layer and tile adhesive, applied in one single application.

MAIN CHARACTERISTICS:

- Applied in a single coat with a special spatula, it waterproofs and bonds tiles on horizontal surfaces
- Available in grey, supplied 20 kg valve bags
- Slashes application times from 9 to 2 days
- Classification: C2E S2 according to EN 12004, CM O2P according to EN 14891 and PI-MC-IR according to EN 1504-2
- Ideal for both interior and exterior applications on walls and floors, with considerable savings in time and cost:
 - 45% saving on your warehouse stocks
 - more space available
 - 30% saving on labor cost for installation



TILING ON FACADES

Sika's cementitious tile adhesive for external facade tiling has a high polymer content to ensure accommodation of the thermal movement due to the wide and rapid temperature variations. Sika's special cement based tile grout for facades also has considerable flexibility, abrasion resistance and

high mechanical strengths. Finally, the joints and perimeter terminations are sealed with a high performance, elastic polyurethane based sealant, which is designed for joints that must accommodate high movement and also maintain good aesthetic appearance.



- 1 SURFACE PREPARATION**
Sika MonoTop® range
Complete range of mortars
- 2 TILE ADHESIVE**
SikaCeram®-290 StarLight
Lightweight tile adhesive with sustainable raw material and 80% more coverage
- 3 TILE GROUT**
SikaCeram® CleanGrout
Cement based grout for joints from 1 to 8 mm width
- 4 SEALANT**
SikaHyflex®-250 Facade
Low-modulus joint sealant

SikaCeram®-290 StarLight

Lightweight cementitious tile adhesive with sustainable raw materials and low emissions.

MAIN CHARACTERISTICS:

- Tile adhesive that helps to ensure a sustainable future:
 - 20% of the cement is replaced by slag which comes from steel production. This reduces CO₂ by 30%, which is equal to a truck driving 30 km
- 80% extra yield:
 - 20 kg of conventional tile adhesive covers 7.5 m² whilst 20 kg of SikaCeram®-290 StarLight covers 12.5 m²
- Supplied in easy to transport 15 kg valve bags with carrying handles
- Classification: C2 TE S1



Installing tiles on building facades has long been considered as challenging and risky work. However, Sika has developed flexible tile adhesives and grouts that are capable of withstanding exposure to these demanding requirements, including accommodating the extreme weather conditions and the thermal movement of different facade materials.

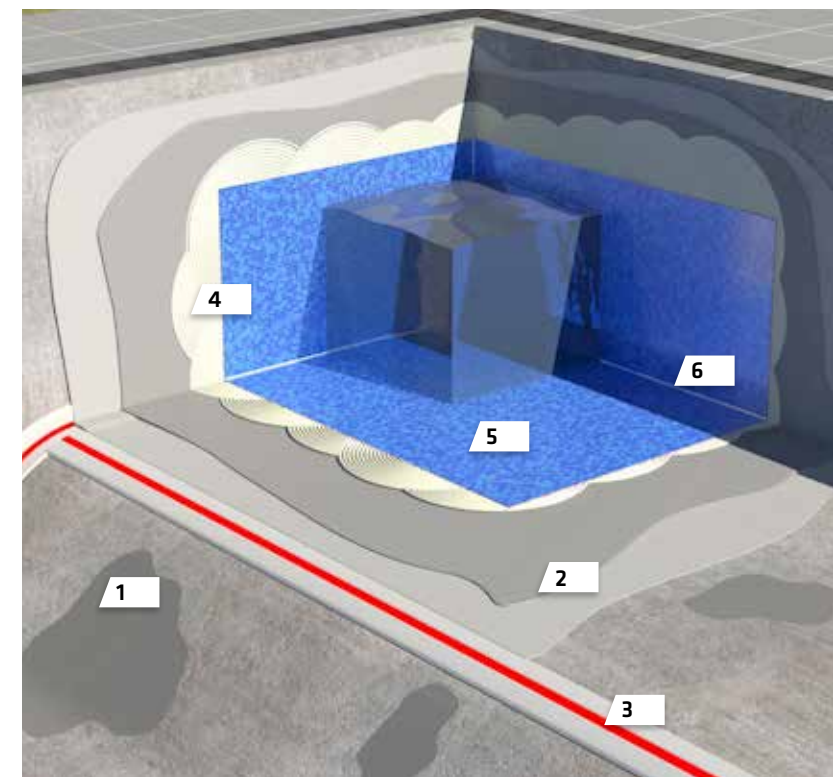


The installation of tiles in and around swimming pools has always been a critical application and Sika has extensive expertise and experience of providing the ideal solution with a complete system.

TILING IN AND AROUND SWIMMING POOLS

Firstly the substrate is prepared, made good and levelled with an appropriate cementitious repair mortar / surface smoothing mortar. Then Sika's polymer modified, fiber-reinforced, cementitious waterproofing mortar is applied in two layers, which ensures durable, long term waterproofing of the area. A special low modulus and highly flexible, cement based tile adhesive is then used, which is able to withstand thermal

shock on the substrate, as well as continuous immersion in an alkaline environment. An epoxy resin based grout with high mechanical and chemical resistance is applied, and finally any moving joints and connections are sealed with a high quality, flexible and chemically resistant, neutral curing silicone joint sealant.



- 1 SURFACE PREPARATION**
Sika MonoTop® range
Complete range of mortars
- 2 WATERPROOFING MORTAR**
Sikalastic®-1 K
One component cementitious mortar
- 3 WATERPROOFING TAPE**
Sikadur-Combiflex® SG System
High performance joint sealing system
- 4 TILE ADHESIVE**
SikaCeram®-230 Mosaic
Ultra- white tile adhesive for laying glass mosaic
- 5 TILE GROUT**
SikaCeram® StarGrout
Epoxy based grout for joints from 1 to 15 mm width
- 6 SEALANT**
Sikasil® Pool
Neutral-curing silicone sealant

SikaCeram®-230 Mosaic

Ultra white, self-grouting, powder adhesive for glass mosaic with excellent workability and extended open time.

MAIN CHARACTERISTICS:

- Ideal for laying glass mosaic and all types of ceramic tiles. Particularly in applications such as swimming pools, wet rooms or other wet areas
- Suitable for both vertical and horizontal surfaces
- Can be applied at 4 mm thick layers
- Available in white, supplied in 25 kg valve bags
- Classification: C2 TE



TILE ADHESIVES



NAME	SikaCeram®-100 Basic	SikaCeram®-205 Medium	SikaCeram®-205 Large	SikaCeram®-230 Mosaic	SikaCeram®-240 Rapid	SikaCeram®-255 StarFlex LD	SikaCeram®-270 MultiFlow	SikaCeram®-290 StarLight	SikaCeram®-355 StarPaste	SikaCeram®-500 Ceralastic
	Cementitious adhesive for fixing ceramic tiles; C1 classified according to EN 12004.	Powder form adhesive for medium sized ceramic tiles; C2TE classified according to EN 12004.	Tile adhesive particularly recommended for installing larger-format tiles; C2TE classified according to EN 12004.	Ultra-white adhesive developed for fixing glass mosaic and tiles; C2TE classified according to EN 12004.	Fast-setting, one-pack, powder form adhesive; C2FT classified according to EN 12004.	Low dust emissions, highly deformable adhesive; C2TE S1 classified according to EN 12004.	Versatile fast-setting tile adhesive with lightweight fillers and different application consistencies; C2 FTE S1 class in thin bed consistence and C2 FE S1 class in flow-bed consistence.	Lightweight tile adhesive with sustainable raw materials; C2TE S1 classified according to EN 12004.	Ready-to-use tile adhesive in paste, for ceramic tiles interior, specially designed for bathrooms and kitchens, perfect for drywalls, D2 TE classified according to EN 12004.	Flexible one-component waterproofing layer and tile adhesive in a single product application; C2E S2 classified according to EN 12004, CM O2P according to EN 14891 and PI-MC-IR according to EN 1504-2.
MAIN ADVANTAGES	<ul style="list-style-type: none"> Very good workability Frost proof One-pack 	<ul style="list-style-type: none"> No vertical slip Extended open time Frost proof Applicable up to 10 mm thickness 	<ul style="list-style-type: none"> No vertical slip Extended open time Frost proof Applicable up to 10 mm thickness 	<ul style="list-style-type: none"> Ultra-white Self-grouting Excellent workability Frost proof No vertical slip Extended open time 	<ul style="list-style-type: none"> Fast-setting No vertical slip Frost proof Applicable up to 10 mm thicknesses 	<ul style="list-style-type: none"> Low dust emissions Deformable No vertical slip Extended open time Frost proof Applicable up to 15 mm thicknesses 	<ul style="list-style-type: none"> 4 different application consistencies from thin-bed to flow-bed Deformable Fast setting No vertical slip Very low emissions 	<ul style="list-style-type: none"> Up to 80% more coverage Low dust technology Lightweight, easy to transport on site Sustainable raw materials 	<ul style="list-style-type: none"> Ready to use Dust-free No vertical slip Extended open time 	<ul style="list-style-type: none"> Single step waterproofing layer and tile adhesive in one product for horizontal applications No primer needed Huge time savings over traditional products and methods
USES	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls <p>Perfect for:</p> <ul style="list-style-type: none"> Kitchens, bathrooms, balconies, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior on floors and walls Exterior - horizontally Over underfloor heating (hot water systems) On old tiles (interior) <p>Perfect for:</p> <ul style="list-style-type: none"> Kitchens, bathrooms, balconies, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls Over underfloor heating (hot water systems) On old tiles (interior) <p>Perfect for:</p> <ul style="list-style-type: none"> Swimming pools, industrial and heavily trafficked floors, facades, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> Glass mosaic All types of ceramic tiles <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls Over underfloor heating (hot water systems) On old tiles (interior) <p>Perfect for:</p> <ul style="list-style-type: none"> Swimming pools, facades, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls Over underfloor heating On old tiles (interior) <p>Perfect for:</p> <ul style="list-style-type: none"> Swimming pools, industrial and heavily trafficked floors, exposed facades, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Thin, dense porcelain slabs Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls Over underfloor heating On old tiles (interior) <p>Perfect for:</p> <ul style="list-style-type: none"> Swimming pools, industrial and heavily trafficked floors, exposed facades etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Thin, dense porcelain slabs Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls <p>Perfect for:</p> <ul style="list-style-type: none"> Swimming pools, industrial and heavily trafficked floors, over old tiling for indoor applications, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Thin, dense porcelain slabs Marble and other porous natural stone <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls On old tiles interior <p>Perfect for:</p> <ul style="list-style-type: none"> Heavy load areas, swimming pools, facades, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types of ceramic tiles Glass mosaic Marble and other porous natural stone tiles <p>Can be used:</p> <ul style="list-style-type: none"> On indoor walls On plasterboard On wood On old tiles and painted surfaces <p>Perfect for:</p> <ul style="list-style-type: none"> Kitchens and bathrooms, including public and commercial facilities, washrooms, etc. 	<p>Suitable for:</p> <ul style="list-style-type: none"> All types and sizes of tiles <p>Can be used:</p> <ul style="list-style-type: none"> Interior and exterior On floors and walls <p>Perfect for:</p> <ul style="list-style-type: none"> Wet rooms, balconies, terraces, swimming pools*, etc. <p><i>*= applied in two layer</i></p>
PACKAGING	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	25 kg bag	15 kg bag	8 and 15 kg pail	20 kg bags

TILE ADHESIVE SELECTOR

Characteristics		SikaCeram® -100 Basic	SikaCeram® -205 Medium	SikaCeram® -205 Large	SikaCeram® -230 Mosaic	SikaCeram® -240 Rapid	SikaCeram® -255 Starflex LD	SikaCeram® -270 MultiFlow	SikaCeram® -290 StarLight	SikaCeram®-355 StarPaste	SikaCeram®-500 Ceralastic
Class - EN 12004		C1	C2	C2	C2	C2	C2	C2	C2	D2	C2
Setting						F		F			
Slip resistance			T	T	T	T	T	T	T	T	
Open time			E	E	E		E	E	E	E	E
Deformability – EN 12002							S1	S1	S1		S2
Sustainable raw material									X		
Multi-consistency								X	X		
Low dust (for powder products)							X		X		
Low consumption									X	X	
Thickness (mm)		10	10	10	4	10	15	30	15	5	5
Substrate (interior)	Cement based	●	●	●	●	●●	●●	●●	●●	●●	●●
	Anhydrite or gypsum based	●	●	●	●	●	●	●	●	●●	●
	Old pvc/linoleum/vinyl	●	●	●	●	●	●	●	●		●
	Old parquet	●	●	●	●	●	●	●	●	●	●
	Old ceramic tiles		●	●	●	●●	●●	●●	●●	●	●●
Substrate (Exterior)	Cement based	●●	●	●	●	●●	●●	●●	●●		●●
	Old ceramic tiles					●●		●●			
Application area	Living area	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
	Wet room		●	●	●●	●●	●●	●●	●●	●●	●●
	Swimming pool			●	●●	●●	●●	●●	●●		●●
	Facade			●	●	●●	●●	●●	●●		●●
	Balcony			●	●	●●	●●	●●	●●		●●
	Heavy traffic areas			●		●●	●●	●●	●●		
	Underfloor heating (water)		●	●	●	●●	●●	●●	●●		●●
	Underfloor heating (electric)						●●	●●	●●		●●
Type of tiles	Absorbing ceramic or mosaic (terracotta, porcelain, faience)	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●
	Non-absorbing ceramic or mosaic (gres porcelain/stoneware, vitrified ceramic)		●	●	●	●●	●●	●●	●●		●●
	Large size			●		●	●●	●●	●●	●	●●
	Glass mosaic				●●					●●	●●
	Natural stone SENSITIVE to water (e.g. light colored marble, thin-cut marble and granite)					●●		●●			
Surface	Floor	●●	●●	●●	●●	●●	●●	●●	●●		●●
	Wall	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●

● Suitable
●● Most suitable
● Use Primer-11 W before
● Use Primer-21 W before

TILE GROUTS



NAME	SikaCeram® SmallGrout	SikaCeram® CleanGrout	SikaCeram® LargeGrout	SikaCeram® StarGrout
	One-pack cementitious tile grout for joints from 0 to 4 mm width. CG2 WA classified according to EN 13888.	One-pack cementitious tile grout for joints from 1 to 8 mm width. CG2 WA classified according to EN 13888.	One-pack cementitious tile grout for joints from 4 to 20 mm width. CG2 WA classified according to EN 13888.	Two-pack tile grout, based on epoxy resin with quartz aggregates and special admixtures. RG classified according to EN 13888. Can be used as tile adhesive (R2T).
MAIN ADVANTAGES	<ul style="list-style-type: none"> Extremely hard finish Very good workability Water-repellent UV-resistant 	<ul style="list-style-type: none"> High resistance to abrasion Mould resistant Water-repellent Frost proof Stable colors 	<ul style="list-style-type: none"> High resistance to abrasion Very good workability Easy to clean Frost proof 	<ul style="list-style-type: none"> High mechanical and chemical resistance Excellent workability Reduced odour Easy to clean Long-lasting finish
USES	Suitable for: <ul style="list-style-type: none"> All types of ceramic tiles Glass mosaic Marble Perfect for: <ul style="list-style-type: none"> Interior and exterior Over underfloor heating (hot water systems) Swimming pools, etc. 	Suitable for: <ul style="list-style-type: none"> All types of ceramic tiles Glass mosaic Marble and other porous natural stone Perfect for: <ul style="list-style-type: none"> Interior and exterior Tanks Swimming pools, etc. 	Suitable for: <ul style="list-style-type: none"> All types of ceramic tiles Glass mosaic Marble and other porous natural stone Perfect for: <ul style="list-style-type: none"> Interior and exterior Over underfloor heating (hot water systems) Swimming pools, etc. 	Suitable for: <ul style="list-style-type: none"> All types of ceramic tiles Ceramic, glass, marble and wood mosaic Marble and other porous natural stone Perfect for: <ul style="list-style-type: none"> Interior and exterior Laboratories Dairies Spas and swimming pools, etc.
PACKAGING	5 kg bag	5 kg and 2 kg bag	25 kg bag	3 kg plastic bucket Component A and B
COLORS	5	25	3	10 Can be embellished with glitters

TILE GROUT SELECTOR

Characteristics	SikaCeram® SmallGrout	SikaCeram® CleanGrout	SikaCeram® LargeGrout	SikaCeram® StarGrout
Class - EN 13888	CG2 WA	CG2 WA	CG2 WA	CG2 WA
Class - EN 12004				R
Slip resistance		T	T	T
Glitter (optional)				●●
Joint width (mm)	From 0 - 4	From 1 - 8	From 4 - 20	From 1 - 15
Application area				
Living area	●●	●●	●	●
Wetrooms	●●	●●	●	●●
Swimming pool	●●	●●	●	●●
Facade	●	●●	●●	●
Balcony	●	●●	●●	●●
Heavy traffic areas	●	●	●●	●●
Underfloor heating	●●	●●	●●	●●
Food industry e.g. dairies, bakeries, beverage production, etc.				●●
Type of tiles				
Absorbing ceramic or mosaic (terracotta, porcelain, faience)	●●	●●	●●	●
Non-absorbing ceramic or mosaic (gres porcelain/stoneware, vitrified ceramic)	●●	●●	●●	●●
Glass mosaic	●●	●●		●●
Natural stone SENSITIVE to water (e.g. light colored marble, thin-cut marble and granite) – polished surface	●●	●●	●	
Natural stone SENSITIVE to water (e.g. light colored marble, thin-cut marble and granite) – rough surface	●	●●	●●	
Surface				
Indoor	●●	●●	●	●●
Outdoor	●	●●	●●	●●
Floor	●	●●	●●	●●
Wall	●●	●●	●	●●

● Suitable ●● Most suitable

ANCILLARY PRODUCTS

SURFACE PREPARATION

PRODUCT	CHARACTERISTICS & ADVANTAGES
	<p>Sika Primer®-11 W One-part, aqueous, synthetic resin based primer for preparing gypsum and cementitious surfaces.</p> <ul style="list-style-type: none"> ■ One component, water-dispersed resin emulsion ■ Easy to dilute and use ■ Easy to control pinkish color ■ Easy to clean
	<p>Sika Primer®-21 W One-part, epoxy water-based primer for preparing of non-porous surfaces.</p> <ul style="list-style-type: none"> ■ One component epoxy water-based ■ Easy to dilute and use ■ Easy to be identified due to blue color
	<p>SikaScreed®-1 Shrinkage free, ready-to-use screed, just add water</p> <ul style="list-style-type: none"> ■ Ideal where providing additional sand is a problem ■ No shrinkage ■ Very good finishing ■ Rapid-hardening
	<p>Sika MonoTop® range Complete range of mortars for all types of concrete repairs</p> <ul style="list-style-type: none"> ■ Cost-effective solutions ■ Certified performance and proven durability ■ Improved fresh adhesion
	<p>Sika floor®-200 Level Shrinkage free, low emissions, cement based, self-levelling compound suitable for use interior and exterior</p> <ul style="list-style-type: none"> ■ Waterproof ■ Rapid hardening ■ Suitable for use over underfloor heating systems (hot water systems) ■ Hard finish and good mechanical strengths




WATERPROOFING

PRODUCT	CHARACTERISTICS & ADVANTAGES
	<p>Sikalastic®-1 K One component cementitious mortar, fiber-reinforced for flexible waterproofing and concrete protection</p> <ul style="list-style-type: none"> ■ Good crack-bridging capability ■ Adjustable consistency ■ Easy to apply by brush or trowel ■ Optimum adhesion on building substrates e.g. concrete, mortar, ceramic tiles, clay bricks, wood etc.
	<p>Sikadur-Combiflex® SG System High -performance, over-banding joint sealing and crack waterproofing system.</p> <ul style="list-style-type: none"> ■ Excellent adhesion ■ Extremely flexible ■ Weathering and water resistant ■ Suitable for contact with drinking water
	<p>Sikalastic®-200 W Elastic, liquid applied, waterproofing membrane under hard finishes for non-immersed surfaces in damp or wet areas</p> <ul style="list-style-type: none"> ■ Single component - ready-to-use ■ Water vapor permeable ■ Suitable for use horizontally & vertically ■ Crack-bridging
	<p>Sika® SealTape Elastic sealing tape for joints, connections, penetrations and terminations of waterproofing systems in wet areas</p> <ul style="list-style-type: none"> ■ System component for sealing and waterproofing under tile and slab installations ■ For use interior and exterior, horizontally and vertically ■ For sealing movement and connection joints

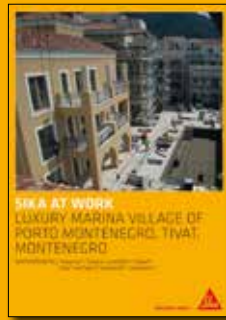
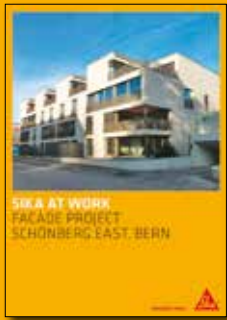
SEALANTS

PRODUCT	CHARACTERISTICS & ADVANTAGES
	<p>Sikaflex®-11 FC+ Elastic adhesive sealant for joint sealing and multi-purpose flexible bonding applications, based on polyurethane</p> <ul style="list-style-type: none"> ■ Cost-effective solutions ■ Certified performance and proven durability ■ Improved fresh adhesion
	<p>Sikasil® C Neutral-curing silicone sealant for construction and sanitary applications</p> <ul style="list-style-type: none"> ■ Ideal where providing additional sand is a problem ■ No shrinkage ■ Very good finishing ■ Rapid-hardening
	<p>SikaHyflex®-355 High performance weather sealant for natural stone applications</p> <ul style="list-style-type: none"> ■ Non staining ■ Movement capability of ±35% (ASTM C719) ■ Solvent free ■ Very good weathering resistance
	<p>SikaHyflex®-250 Facade Professional grade, low-modulus joint sealant for movement- and connection joints in commercial building envelopes</p> <ul style="list-style-type: none"> ■ Very good weathering and ageing resistance ■ Movement capability of +100/-50% (ASTM C 719) ■ Imparts low stress to the substrate ■ Very good adhesion to many building substrates
	<p>Sikasil® Pool Neutral-curing, silicone sealant for swimming pools and other permanently wet areas</p> <ul style="list-style-type: none"> ■ Very high water resistance ■ High chlorine resistance (as required in swimming pools for disinfectant solutions) ■ Extremely high resistance to fungal attack ■ Excellent UV- and weathering-resistance

BONDING AGENTS

PRODUCT	CHARACTERISTICS & ADVANTAGES
	<p>SikaCeram® T-Latex Special latex emulsion for cementitious tile adhesive to improve adhesion and elasticity performances</p> <ul style="list-style-type: none"> ■ High adhesion performances ■ High elasticity <p>If mixed with SikaCeram®-100 Basic, it can be classified as S2 according to EN 12002</p>
	<p>SikaCeram®T-Latex S1 Synthetic emulsion to improve adhesion performance</p> <ul style="list-style-type: none"> ■ Tile adhesives mixed with SikaCeram® T-Latex improve the performance of adhesion, elasticity, etc. ■ High-performance plasters ■ High-performance screeds
	<p>SikaCeram® LatexGrout Special latex emulsion to be mixed with cementitious tile grouts to improve adhesion and flexibility</p> <ul style="list-style-type: none"> ■ Increases the bond to the tile ■ Enhances the surface hardness ■ Improves flexibility ■ Raises the mechanical strength

ALSO AVAILABLE FROM SIKA



FOR MORE INFORMATION ABOUT SIKA TILING SYSTEM SOLUTIONS:



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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