



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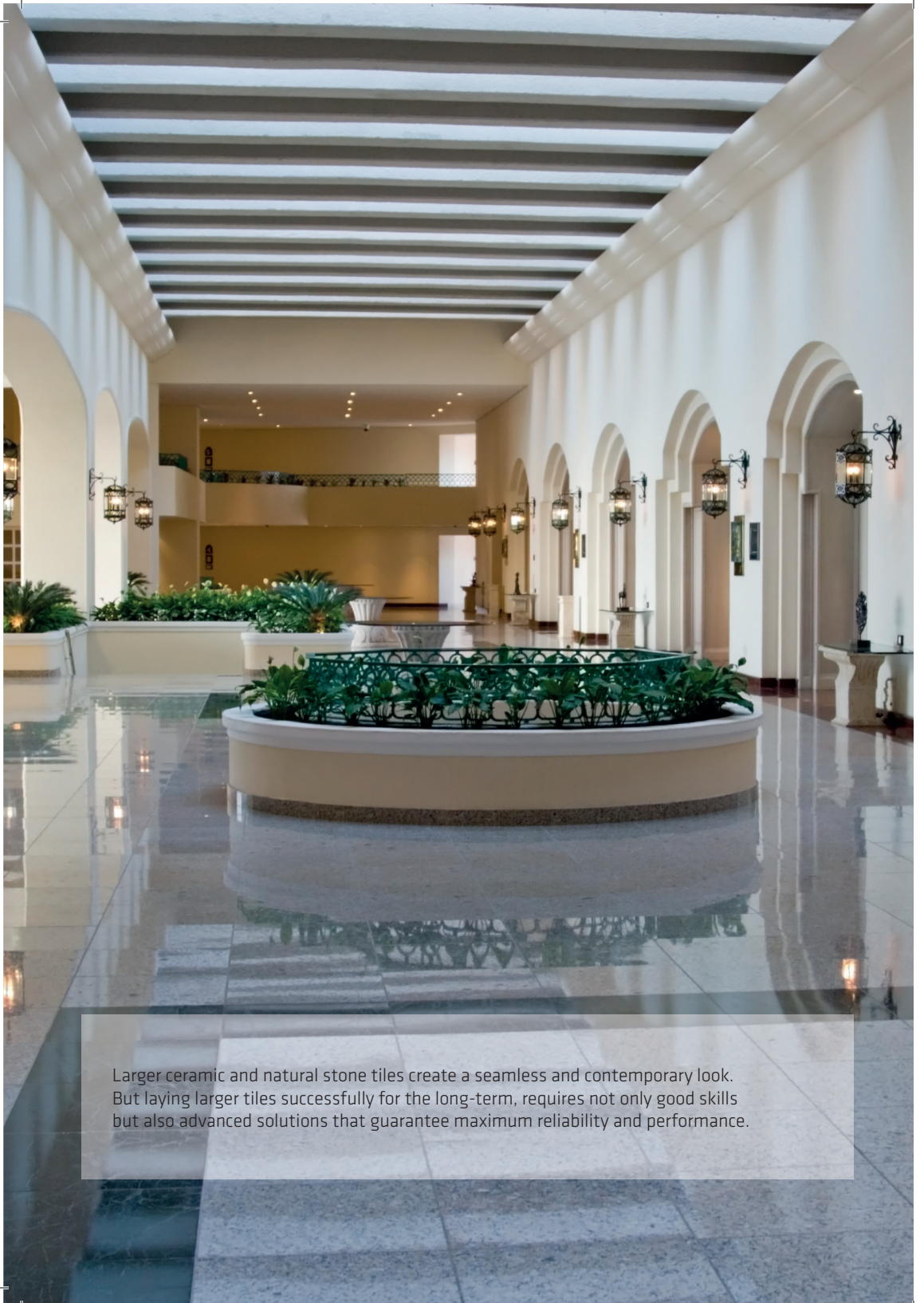
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Larger ceramic and natural stone tiles create a seamless and contemporary look. But laying larger tiles successfully for the long-term, requires not only good skills but also advanced solutions that guarantee maximum reliability and performance.

# TILING WITH CERAMIC TILES

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. Then a tile grout with 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

**SikaCeram® Improver**  
Additive for grout and tile adhesive  
**SikaCeram® Primer ZA**  
Primer for grout & tile adhesive

## 2 TILE ADHESIVE

**SikaCeram®-50 Ceramic**  
Ceramic cementitious tile adhesive

## 3 TILE GROUT

**SikaCeram® CleanGrout**  
Cement based grout for joints from  
2 to 8 mm width

## 4 SEALANT

**Sikaflex® Pro-3i**  
High performance elastic joint  
sealant

**SikaCeram®-50 Ceramic**  
Ceramic tile adhesive

### Uses

- Absorbent ceramic tiles
- Can be used on indoor walls and floors, and outdoor floors including:
  - Residential environments
  - Commercial environments (foot traffic only)





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 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 tile grout that also has 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

**SikaCeram® Primer ZA**  
Primer for tile adhesive

## 2 TILE ADHESIVE

**SikaCeram®-200 Porcelain**  
Porcelain cementitious tile adhesive

## 3 TILE GROUT

**SikaCeram® CleanGrout**  
Cement based grout for joints from 2 to 8 mm width

## 4 SEALANT

**Sikaflex® Pro-3i**  
High performance elastic joint sealant

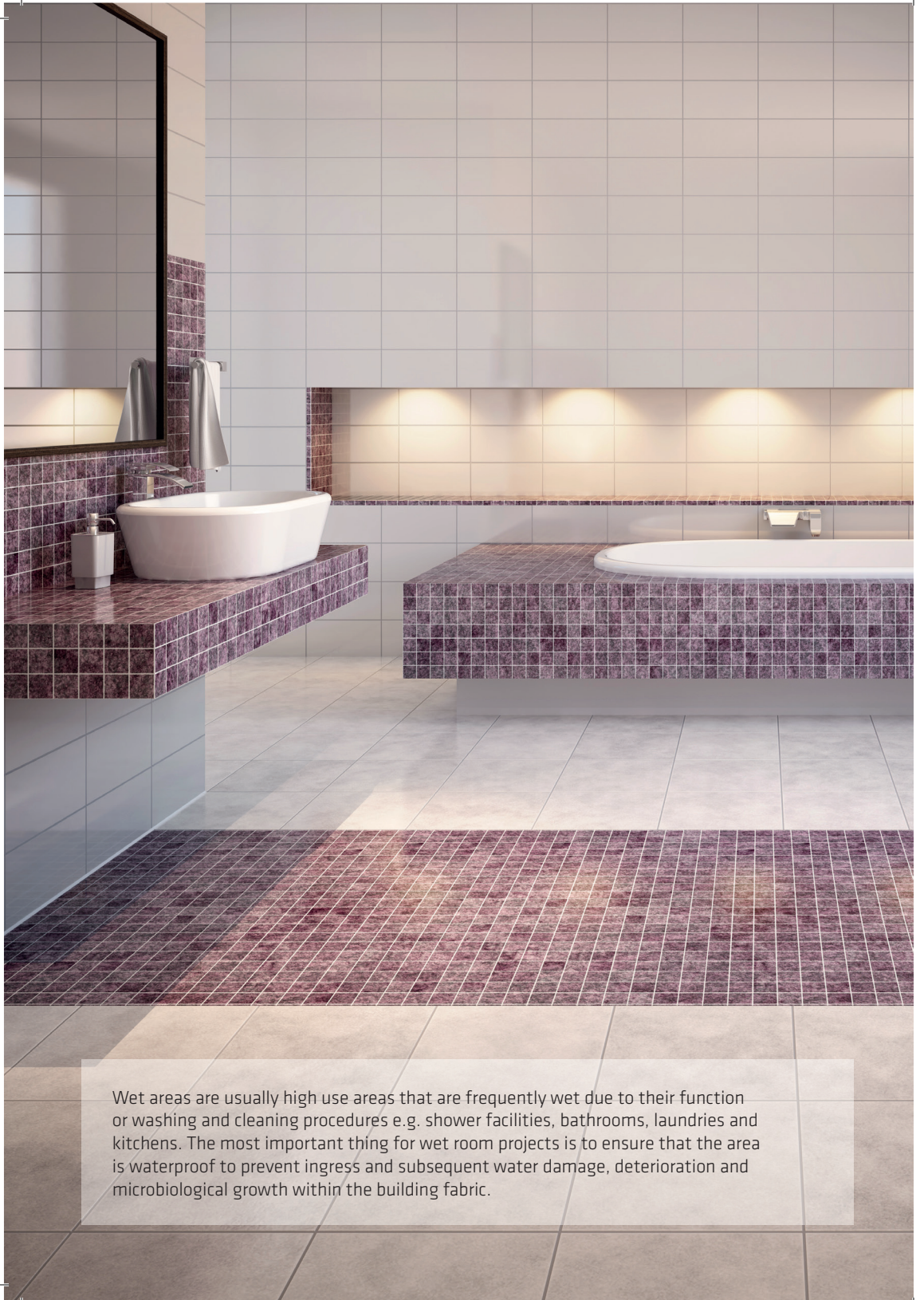
**SikaCeram®-200 Porcelain**  
Porcelain tile adhesive

### Uses

- Absorbent ceramic tiles
- Non-absorbent porcelain tiles
- Can be used on indoor walls and floors, and outdoor floors including:
  - Residential use
  - Commercial use
  - Gypsum and cement based substrates

\* Polymer modified, no additive required. Just add water.





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.



# 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 cementitious mortar. Then a cementitious adhesive with a high polymer content is used for the tile installation, which is followed by a tile grout with excellent mechanical strengths and

high abrasion resistance. Finally, the system is completed with a high performance, antifungal, movement and connection joint sealant.



## SikaCeram® CleanGrout

Cement-based grout for tile joints from 2 to 8 mm, ideal for ceramic and natural stone tiles. Contains mould protection.

### Uses

- 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
- Supplied in 2 kg and 5 kg bags

\* Polymer modified, no additive required. Just add water.

### 1 SURFACE PREPARATION

#### Sikafloor® Primer-01

For pre-treating floors

### 2 SURFACE PREPARATION

#### Sikafloor®-200 Level

Self levelling cementitious screed

### 3 WATERPROOFING MORTAR

#### Sikalastic®-152

Highly elastic cement based waterproofing coating

### 4 TILE ADHESIVE

#### SikaCeram®-205 Medium

Fast setting tile adhesive

### 5 TILE GROUT

#### SikaCeram® CleanGrout

Cement based grout for joints from 2 to 8 mm width

### 6 SEALANT

#### Sikasil® Pool

Silicone sealant for permanently wet areas

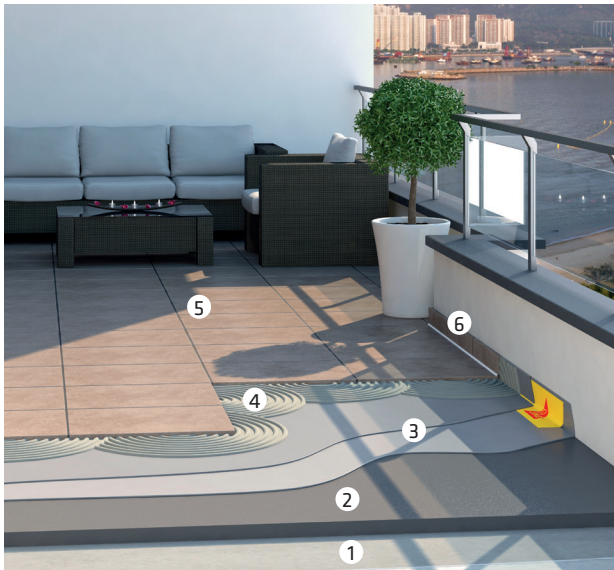




The build-up and installation of tiled finishes on new balconies requires careful design and execution, in order to prevent commonly occurring problems such as uneven floors, inadequate drainage and/or incomplete waterproofing and detailing at the perimeters, etc.

# TILING NEW BALCONIES

The Sika installation system starts with the waterproofing layer, which uses a flexible, mortar that can be applied just 24- 48 hours after the floor screed has been laid. Then the cementitious tile adhesive is applied which is followed by a tile grout with excellent high performance, elastic sealant is used to seal any moving joints or connections and ensure that they also remain watertight.



## SikaCeram®- 205 Medium

Cement-based, improved adhesive for medium sized ceramic tiles, up to 10mm thick. Sets in 12 hours.

### Uses

- For both interior and exterior applications
- For Gypsum and cement based substrates
- Suitable for all types of ceramic tiles

### 1 SURFACE PREPARATION

#### Sikafloor® Primer-01

For the pre-treating floors

### 2 SURFACE PREPARATION

#### Sikafloor®-200 Level

Self levelling cementitious screed

### 3 WATERPROOFING MORTAR

#### Sikalastic®-152

Highly elastic cement based waterproofing coating

### 4 TILE ADHESIVE

#### SikaCeram®-205 Medium

Fast setting tile adhesive

### 5 TILE GROUT

#### SikaCeram® CleanGrout

Cement based grout for joints from 2 to 8 mm width

### 6 SEALANT

#### Sikaflex® Pro-3i

High performance elastic joint sealant



# TILE ADHESIVES

# TILE GROUT



NAME	SikaCeram®-50 Ceramic	SikaCeram®-200 Porcelain	SikaCeram®-205 Medium	SikaCeram® CleanGrout
	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.	Polymer modified, cement-based, improved adhesive for medium sized ceramic tiles.	One-pack cementitious tile grout for joints from 2 to 8 mm width. CG2 WA classified according to EN 13888.
<b>MAIN ADVANTAGES</b>	<ul style="list-style-type: none"> <li>■ Very good workability</li> <li>■ One-pack</li> </ul>	<ul style="list-style-type: none"> <li>■ No vertical slip</li> <li>■ Extended open time</li> <li>■ Applicable up to 10 mm thickness</li> <li>■ Polymer modified, no additive required. Just add water.</li> </ul>	<ul style="list-style-type: none"> <li>■ Interior and exterior applications</li> <li>■ Can be applied up to 10mm thick</li> <li>■ Polymer modified, no additive required. Just add water.</li> </ul>	<ul style="list-style-type: none"> <li>■ High resistance to abrasion</li> <li>■ Mould resistant</li> <li>■ Water-repellent</li> </ul>
<b>USES</b>	<p><b>Suitable for</b></p> <ul style="list-style-type: none"> <li>■ All types of ceramic tiles</li> </ul> <p><b>Can be used:</b></p> <ul style="list-style-type: none"> <li>■ Interior and exterior</li> <li>■ On floors and walls</li> </ul> <p><b>Perfect for:</b></p> <ul style="list-style-type: none"> <li>■ Kitchens, lounges, etc.</li> </ul>	<p><b>Suitable for:</b></p> <ul style="list-style-type: none"> <li>■ All types of ceramic tiles</li> <li>■ Marble and other porous natural stone</li> </ul> <p><b>Can be used:</b></p> <ul style="list-style-type: none"> <li>■ Interior on floors and walls</li> <li>■ Exterior - horizontally</li> <li>■ Over underfloor heating (hot water systems)</li> </ul> <p><b>Perfect for:</b></p> <ul style="list-style-type: none"> <li>■ Kitchens, bathrooms, balconies, etc.</li> </ul>	<p><b>Suitable for:</b></p> <ul style="list-style-type: none"> <li>■ Cementitious tile adhesive for all ceramic tiles of medium to larger size</li> </ul> <p><b>Can be used:</b></p> <ul style="list-style-type: none"> <li>■ For all kinds of medium-sized ceramic tiles</li> <li>■ Indoors and outdoors on gypsum and cement based substrates</li> </ul> <p><b>Perfect for:</b></p> <ul style="list-style-type: none"> <li>■ All types of ceramic tiles</li> </ul>	<p><b>Suitable for:</b></p> <ul style="list-style-type: none"> <li>■ All types of ceramic tiles</li> <li>■ Glass mosaic</li> <li>■ Marble and other porous natural stone</li> </ul> <p><b>Perfect for:</b></p> <ul style="list-style-type: none"> <li>■ Interior and exterior</li> <li>■ Tanks</li> </ul>
<b>PACKAGING</b>	20 kg bag	20 kg bag	20 kg bag	2 kg and 5 kg
<b>COLOUR</b>	Grey powder	Grey powder	Grey powder	Light grey, dark grey, white, beige

# ANCILLARY PRODUCTS

## SURFACE PREPARATION

### PRODUCT

### CHARACTERISTICS AND ADVANTAGES



#### SikaCeram® Improver

A water based emulsion of synthetic resins and specific additives. Used as a replacement for mixing water to improve the adhesion and elastic performance of non-polymer based cementitious adhesives and tiling grouts.

- Medium and large sized tiles
- Absorbent ceramic tiles
- Non-absorbent Porcelain tiles



#### SikaCeram® Primer ZA

One-part, aqueous, synthetic resin based primer for preparing gypsum and cementitious surfaces.

- One component, water-dispersed resin emulsion
- Easy to dilute and use
- Easy to control pinkish color
- Easy to clean



#### Sikafloor® Primer-01

One-part, epoxy waterbased primer for preparing of non-porous surfaces.

- One component epoxy water-based
- Easy to dilute and use
- Easy to be identified due to blue color



#### Sikafloor®-200 Level

Shrinkage free, low emissions, cement based, self-levelling compound suitable for interior and exterior use

- Water resistant
- Rapid hardening
- Suitable for use over underfloor heating systems (hot water systems)
- Hard finish and good mechanical strengths

# ANCILLARY PRODUCTS

## WATERPROOFING

### PRODUCT

### CHARACTERISTICS AND ADVANTAGES



#### Sikalastic®-152

One component cementitious mortar, fiber-reinforced for flexible waterproofing and concrete protection

- 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.



#### Cemflex®

Acrylic based emulsion which improves the water resistance and adhesion of Portland cement based products

- Flowerboxes
- Ponds
- Shower floors and walls
- Balcony and verandah floor (under tiles)
- Retaining walls
- Also a bonding coat for plaster and render

## SEALANTS

### PRODUCT

### CHARACTERISTICS AND ADVANTAGES



#### Sikaflex® Pro 3i

A one component, moisture curing, elastic joint sealant with high mechanical and chemical resistance.

- Bubble free curing
- Solvent free
- Very low emissions
- Good adhesion to most construction materials



#### Sikasil® Pool

Neutral-curing, silicone sealant for swimming pools and other permanently wet areas

- 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



# SIKA'S FULL RANGE OF SOLUTIONS



WATERPROOFING



CONCRETE



REFURBISHMENT



SEALING AND BONDING



FLOORING



ROOFING



BUILDING FINISHING



INDUSTRY

## FOR MORE INFORMATION ON SIKA:

### WHO WE ARE

Sika South Africa part of the global Sika Group, supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar, and wind power plant, facades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures. Sika's product lines feature high-quality concrete admixtures, specialist mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems. Sika has subsidiaries in over 101 countries around the world and manufactures in over 300 factories, with more than 24 500 employees link customers directly to Sika and guarantee the success of all partners. Sika generated annual sales of CHF 8.11 billion in 2019.

In South Africa, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in KwaZulu-Natal and Gauteng.



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