

PRODUCT DATA SHEET

SikaTile®-960 Grout Seal

WATER REPELLENT FOR EXTENDED TILES JOINTS LIFE

DESCRIPTION

SikaTile®-960 Grout Seal is a low viscosity emulsion, ready-to-use, silane/siloxane combination-based, water-repellent impregnation design to deeply penetrate any hairline cracks in tiles joints/concrete.

USES

For making tiles joints/building surfaces water repellent and protecting against water ingress.

FEATURES

- Product in the aqueous phase has strong water-repellent capability.
- Penetrate deeply into tile joints/building surfaces to provide water resistance properties.
- Treatment is usually invisible not changing the substrate aspect.
- Improve resistance to dirt pick up and reduce fungal and algal growth.
- Can be over-coated with suitable paints and coatings.
- Ready to use.
- Water based environmentally friendly.

PRODUCT INFORMATION

Composition	Silane / Siloxane combination
Packaging	1 L/ gallon, 12 gallons per carton box.
Shelf life	12 months from the date of production if stored properly in undamaged original sealed packaging
Storage conditions	Store in dry conditions at temperatures between +5 °C and +40 °C and protected from direct sunlight
Specific gravity	0.95-1.05 at 25 °C
pH-Value	7-9 at 25 °C

TECHNICAL INFORMATION

Curing conditions	SikaTile®-960 Grout Seal does not require any curing but must be protected from rain or water for at least 3 hours at +20°C.
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APPLICATION INFORMATION

Mixing ratio	Ready to use. No need to mix it with water.
Consumption	Dependent on substrate quality and porosity:

On concrete and mortar	0.15–0.20 kg/m ²
On porous material	0.30–0.50 kg/m ²
On joint gap only	1 kg/ 50 m ² (joint gap width of 2 mm. Tile size 30x30 cm.)

Ambient air temperature +5 °C min. / +35 °C max.

Substrate temperature +5 °C min. / +35 °C max.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- The cement-based substrate must be at least seven days old.
- Be aware of stains on the surface of glazed tiles, wipe them off before drying.
- Protect glass surfaces and aluminum frames (possibility of surface damage/staining)
- Test on a sample surface before use
- Cannot be overcoated with limewash or cement paint.
- On any substrate, the optimum water-repellent capability is achieved after a few days. Water repellency is reduced significantly when the substrate is heavily cracked.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Substrate must be free of dust, dirt, oil, efflorescence, and old paint coats.
- Cracks in concrete of more than 200 microns should be repaired first before carrying out the hydrophobic treatment.
- Cleaning is best done with suitable detergent or by light sand blasting or steam cleaning.
- The best results are obtained on dry, very absorbent substrates.
- The substrate should look dry with no damp patches.

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Product Data Sheet
SikaTile®-960 Grout Seal
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APPLICATION

- SikaTile®-960 Grout Seal is applied using a low-pressure spray gun, brush, or roller.
- Apply the first layer from top to bottom, let it dry for 10-15 minutes (depending on the environmental condition) then apply the second layer.
- If SikaTile®-960 Grout Seal drips or spills, use a cloth to clean up any stains on the tiles.
- Do not allow the solution to dry as it may cause residue to adhere to the tile surface, making it difficult to wipe off.
- Recommend to apply regularly every 6 months.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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