

PRODUCT DATA SHEET

SikaTop®-561 Seal

(formerly MSeal 561)

Single-component, flexible, mastic system for under tile wetroom waterproofing applications

DESCRIPTION

SikaTop®-561 Seal is a single component polymer mastic system that requires only on site stirring to form the ideal coating to waterproof wet areas like showers, bathrooms and under ceramic coverings. Simply applied by stiff brush, roller, or trowel, it forms a waterproof, flexible protective coating

USES

SikaTop®-561 Seal is ideal:

- For indoor use
- For walls and floors
- As undertile waterproof coating
- For wet areas such as bathrooms, showers in residential buildings, hotels, old age homes and hospitals
- On moisture-sensitive absorbent substrates- Eg: plasters, plaster slabs, gypsum fibre boards, plaster boards, wooden chipboards, anhydrite screeds in moist and wet areas subject to usual domestic use.
- On absorbent mineral substrates- Eg: concrete screed, render, aerated concrete, cementitious levelling compounds for walls and self levelling compounds.

CHARACTERISTICS / ADVANTAGES

- Waterproof, protects moisture-sensitive substrates
- Bonds well with substrate as well as tiles on top
- Flexible, compensates tensions, deformations of the substrate, variations in temperature and vibrations.
- Crack-bridging, high security even with subsequent cracks in the substrate.
- Ready to use, easy to apply by roller, brush or trowel.
- Resistant to lime water, ensures bonding between protective coating and mortar if the adhesive bed is constantly submerged in water.
- Solvent-free, no harmful risk to the environment can be used without any risk to health

PRODUCT INFORMATION

Packaging	8 Kg pail
Shelf life	12 months from date of production
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +35°C. Protect from direct sunlight, heat and moisture.
Appearance / Colour	White viscous paste
Density	~1.5 ± 0.05 g/cc (25 °C)
Solid content by volume	62-65%

TECHNICAL INFORMATION

Tensile strength	> 1.0 MPa	(ASTM D412)
Tensile adhesion strength	>1.2 MPa	(ASTM D4541)
Elongation at break	> 150 %	(ASTM D412)

APPLICATION INFORMATION

Consumption	A minimum total consumption of 2.0-2.2 kg/m ² for approx 1mm thickness in two layers (May vary depending on surface profile and condition)	
Ambient air temperature	+10°C min. / +35°C max.	
Substrate temperature	+10°C min. / +35°C max.	
Initial set time	Approx 60-90 mins (Surface Dry), may vary depending on humidity, temperature and ventilation	
Waiting time / Overcoating	2- 4 hrs depending on humidity, ventilation and temperature	
Waiting time	Approx 2-4 hrs for foot traffic after application of second coat when applied in two coats (depending on humidity, ventilation and temperature)	

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.

USES

SikaTop®-561 Seal is not recommended for outdoor use and waterproofing in swimming pools.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

The substrate must be sound, dry, clean and free from oil, grease and other residues which should be removed by sand-blasting, brushing or shot-blasting if necessary. The practically smooth surface must not have any honeycombs, gaping cracks or ridges. Prime gypsum-based substrates, plaster boards, absorbent mineral substrates, etc with a suitable Sikalastic®/ Sika-floor® primer from our range. The primers must have cured prior to the application of SikaTop®-561 Seal.

APPLICATION

Apply undiluted SikaTop®-561 Seal by roller (lambskin roller), brush (wall brush, float), or trowel to the substrate to cover the entire area. A minimum of two coats is required.

Place Sika® Seal drain gasket over pipe culverts and floor drains, Sika® SealTape F in corner joints and floor/wall junctions to be pressed in the first coat of SikaTop®-561 Seal. Any projecting edges of the fabric are covered by the second coat.

Any further coat is applied when the first coat is dry. After curing tiles can be laid with SikaCeram® range of tile adhesives on vertical and horizontal areas.

The waterproofing gasket should waterproof around the pipe (not around the plug which will be removed later), otherwise the pipe must be extended beyond the waterproof area by inserting a spacer. If the surrounding area is sensitive to moisture waterproofing must be applied also below and behind the shower base and bath tub.

CLEANING OF TOOLS

Tools should be washed with water immediately after use. Once the product has cured it can only be removed by mechanical means.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 war-

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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