

PRODUCT DATA SHEET

SikaTop[®]-101 WP

HIGH QUALITY WATERPROOFING CEMENTITIOUS PLASTER AND BRICK LAYING

DESCRIPTION

SikaTop[®]-101 WP is a one-component polymer modified waterproofing cementitious mortar for plastering works and brick laying that can be used internally and externally.

USES

SikaTop[®]-101 WP can be applied on concrete surface, precast dry wall, brick and block works, etc.

CHARACTERISTICS / ADVANTAGES

- Easy to use
- Good workability
- Excellent bonding to cementitious substrates
- High build up to 25mm thick per layer
- Low water absorption
- Environmental saving with low VOC
- Preventing hairline cracks that caused by material shrinking
- Can be applied by hand troweling or machine spraying
- Compatible with SikaCeram[®] Tile Bonding System

PRODUCT INFORMATION

Packaging	25 kg per bag
Appearance / Colour	Grey powder
Shelf Life	SikaTop [®] -101 WP has a shelf life of 9 months from date of production if stored properly in undamaged and unopened original sealed packaging.
Storage Conditions	SikaTop [®] -101 WP shall be stored in cool dry conditions, protected from direct sunlight and frost.
Density	Approx. 1,900 kg/m ³

TECHNICAL INFORMATION

Compressive Strength	Approx. 25 MPa at 28 days
Tensile Strength	Approx. 2.5 MPa at 28 days
Tensile Adhesion Strength	Approx. 1 MPa at 28 days

APPLICATION INFORMATION

Consumption	Approx. 1.6 kg/m ² /mm thick (depend on surface profile and application method)
Layer Thickness	Max. 25 mm per layer
Pot Life	Approx. 60 minutes at 30°C

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be sound, clean and free from loose particles. Dust, dirt, grease and oil must be removed before application. Wet the surface with water if it is too dry.

MIXING

Pour approx. 4 litres of potable water into a mixing container and then add the whole bag of SikaTop®-101 WP while mixing continuously. Use low speed electric stirrer / mixer for 3 minutes until a homogeneous mixture is achieved.

APPLICATION

SikaTop®-101 WP can be applied by spray machine and trowel. For thickness greater than 25mm, SikaTop®-101 WP must be applied in multiple layers. As soon as the plaster has started to set, it can be smoothed by wooden or synthetic float.

CURING TREATMENT

SikaTop®-101 WP cures with low shrinkage. To prevent premature drying out of the plaster, keep it moist if exposed to extremely hot conditions or strong sunshine or wind.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically.

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.

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.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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