

PRODUCT DATA SHEET

SikaWall®-181 Skim Coat

PLASTER AND CONCRETE FINISH COAT

DESCRIPTION

SikaWall®-181 Skim Coat is a one component, pre-packed instant cement with selected filler and several admixtures; used as finish works on plaster or concrete surface.

USES

SikaWall®-181 Skim Coat* can be applied on various surfaces, interior and exterior, such as :

- Plaster surface.
- Concrete surface.

*Not recommended for application on floor surface .

CHARACTERISTICS / ADVANTAGES

- Can be applied on plastered and concrete surface
- Prevents hair crack caused by material shrinkage
- Excellent adhesion
- Smooth finished result with light grey colour
- No need putty for base paint
- Can be painted after 7 days
- Easy to use and apply, just add water

PRODUCT INFORMATION

Composition	Portland cement
Packaging	40 kg, 20 kg bag
Appearance / Colour	Powder / Light grey
Shelf life	9 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage conditions	Store in dry conditions at temperatures between +5 °C and +30 °C
Density	~1.2 kg/L

TECHNICAL INFORMATION

Compressive strength	28 days	~8 N/mm ²	(ASTM C-109)
Tensile adhesion strength	28 days	~0.5 N/mm ²	(BS EN 1015-12)

APPLICATION INFORMATION

Mixing ratio	Water : SikaWall®-181 Skim Coat	13.6 – 14.4 L : 40 kg (by weight)
	Water : SikaWall®-181 Skim Coat	1 : ± 2 (by volume)

Consumption	~20 m ² per 40 kg bag (based on 1.5 mm thickness)* *depend on substrate surface profile
Layer thickness	1.5 – 3 mm
Ambient air temperature	+8 °C to +40 °C
Waiting time to overcoating	Before painting : 7 days

BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets before using any products. For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

IMPORTANT CONSIDERATIONS

- Not recommended for application on floor surface.
- Not recommended to be exposed without a protection / coating. For exterior, protect with paint / coating after 7-14 days of application, depend on weather condition.
- Protect the freshly applied product against direct sunlight.
- Add bonding polymer to increase the strength.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Plaster / concrete surface must be clean, sound, level and uncontaminated by oil or grease.

Remove cement laitance, dust, and loosely adhering particles.

Absorbent substrates must be pre-wetted to saturated surface dry (SSD) conditions.

MIXING

- Pour 13.6 – 14.4 litre of water into mixing vessel then add SikaWall®-181 Skim Coat 40 kg slowly and mix properly.
- Mixing time is ~3 minutes. A slow speed mixer is recommended (300 – 600 rpm).

APPLICATION

- Apply with flat trowel.
- Waiting time before paint application 7 days.

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 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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