

PRODUCT DATA SHEET

SikaWall®-340 Smooth BH

A ready-to-mix interior & exterior wall and ceiling skim coat

DESCRIPTION

SikaWall®-340 Smooth BH is a skim smoothing rendering paste to be mixed with cement or gypsum for levelling uneven surfaces and filling small bubbles in concrete surfaces. A smooth surface is obtained by eliminating blemishes such as grooves, seams and rock pockets.

USES

SikaWall®-340 Smooth BH is suitable for wall and ceiling, interior and exterior application.

Permissible Substrates

Interior and Exterior

- Traditional rendering
- Shuttered concrete
- Reinforced concrete shell work
- Concrete soffits
- Precast concrete panels

Interior only

- Gypsum and gypsum tiles (in gypsum mix)

Suitable Covering Materials

- Thick synthetic finish coats
- Mineral paint
- Wallpaper
- Fabric
- Bonded plastic coverings
- Painter's coatings

CHARACTERISTICS / ADVANTAGES

- Perfectly smooth finish
- Can be exposed or covered
- Final aspect can be same color of substrate
- Excellent trowel ability on application
- Money and time saving (less paint may be required)

PRODUCT INFORMATION

Composition	Synthetic resins, mineral filler and admixtures
Packaging	5, 20 and 25 kg plastic pails
Shelf life	12 months from date of production if stored in undamaged and unopened, original sealed packaging
Storage conditions	Store in dry conditions in original packaging at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.
Appearance and colour	White paste
Density	~1.45 kg/l (25 °C)
pH-Value	8 - 10

TECHNICAL INFORMATION

Tensile adhesion strength	≥ 0.5 MPa at 28 days at 1 mm thickness (on concrete)	(ISO 4624)
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APPLICATION INFORMATION

Mixing ratio	SikaWall®-340 Smooth BH : Cement = 1:1 (by weight)
Layer thickness	1.00 - 2.00 mm
Ambient air temperature	+20°C to +35°C
Initial set time	~3 hours at 25°C
Waiting time to overcoating	~3 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.

IMPORTANT CONSIDERATIONS

- Thicknesses more than 2 mm may only occasionally be applied, e.g. when filling bug holes and bubbles.
- Do not apply to a wet or hot substrate.
- In hot conditions, protect the finished surface from drying out by lightly misting.
- Do not cover with a hydraulic binder-based mortar.
- Do not used on submerged substrates.

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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

1. Surface must be clean, dry, and free of dust, oil, paint.
2. New concrete must be dried 3 - 7 days depend on climate condition before application.
3. Remove seams or edge that is over required thickness.
4. If there are many porous on the substrate, apply the 1st coat to fill those porous first. Then the other layers will be easier and quicker.
5. Dampen substrate prior to application.

MIXING

1. Mix 1 kg of SikaWall®-340 Smooth BH with 1 kg cement (white or grey) or gypsum until the product is evenly distributed. Do not add any water.
2. The substrate cement or gypsum must not be dry to prevent the slump and mixing problem for the best product quality.
3. Mixing should be carried out as follows: In case of small quantity, use small paddle to mix at least 3 minutes. For big quantity, the machine is recommended with a speed at 500 rpm. Mixing time: at least 3 minutes or required consistency is obtained.
4. Leave the mixture to stand for 1 - 3 minutes.
5. Different cement brands may have the different color result. Test before actual application. Final color result depend on the selected cement or gypsum.

APPLICATION

1. Apply a first coat of mixed product with a trowel.
2. Apply a minimum of 2 coats : the first coat is used for level the substrate and the second to finish. More coats can be applied to meet the required thickness or texture.
3. If there are too many porous on the substrate, apply first coat to fill those areas first. Then the other layers will be easier and quicker.
4. Allow a sufficient drying time between the coats for 10 - 45 minutes.
5. Can use sand paper no.380 to polish the surface.
6. Allow 3 - 7 days before applying covering material.

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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All products are supplied under
a management system certified
to conform to the requirements
of the quality, environmental
and occupational health &
safety standards: ISO 9001,
ISO 14001 and ISO 45001.

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