

PRODUCT DATA SHEET

SikaWall®-197 External Coat

Cement-based medium to fine skim coat for external masonry and concrete surfaces

DESCRIPTION

Formerly SUPRACOAT EXTERNAL COAT.
SikaWall®-197 External Coat is a polymer-modified, cement-based medium to fine skim coat designed for external applications. It is formulated to provide a smooth, uniform surface finish on masonry and concrete substrates, and to improve surface evenness prior to painting or decorative coatings.

USES

SikaWall®-197 External Coat is suitable for:

- Levelling and smoothing uneven external wall surfaces
- Skim coating of concrete and cementitious renders
- Surface improvement prior to painting or protective coatings

Suitable substrates include:

- In-situ concrete
- Precast concrete
- Cement-sand render
- Aerated lightweight concrete (AAC/ALC)

PRODUCT INFORMATION

Packaging	40 kg bag
Appearance / Colour	Grey powder
Shelf Life	6 months from date of production
Storage Conditions	Store properly in dry conditions, in undamaged and unopened, original sealed packaging. Keep away from direct sunlight, rain, water and moisture.

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 0.5 N/mm ²	(EN 1015-12)
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APPLICATION INFORMATION

Mixing Ratio	8.4–9.2 L of water per 40 kg bag
Consumption	~1.2 kg/m ² /mm <small>* This may only serve as a guideline. It is highly recommended to carry-out trials on site to determine the actual coverage</small>
Layer Thickness	3–4 mm per layer, 2 layers max.
Pot Life	~1 hour at 28 °C
Curing Time	~24 hours
Waiting Time / Overcoating	4 hours

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

- Do not apply SikaWall®-197 External Coat on gypsum-based substrates.
- Application at insufficient thickness may result in a chalky surface, which is unsuitable for subsequent finishes.
- Application on highly porous or dry substrates may lead to a chalky or dusty surface, affecting adhesion of subsequent coatings. Substrates must be properly pre-wetted prior to application.
- Under hot or drying conditions, cure the applied plaster with light water spraying for at least the first 2 days to improve shrinkage control and surface integrity.
- Painting or application of subsequent coatings should only commence after a minimum of 7 days curing.

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

SUBSTRATE QUALITY / PRE-TREATMENT

- All substrates must be structurally sound, clean, and free from dust, grease, oil, wax, curing compounds, and any loose or contaminating materials that may impair adhesion.
- Dusty concrete or masonry surfaces should be thoroughly cleaned and pre-dampened with water prior to the application of SikaWall®-197 External Coat.
- New concrete substrates must be allowed to cure adequately (minimum 28 days) before application.
- Painted surface must be scabbled / abraded / grinded to expose the cementitious substrate.
- Newly rendered surface must be thoroughly cleaned

- prior to applying skim coat.
- Old rendered surface must be thoroughly cleaned prior to skim coat and have a wood float finishing.
- Highly porous or dry substrates must be pre-wetted to achieve a saturated surface dry (SSD) condition prior to application.
- It is the user's responsibility to determine the suitability and condition of the substrate before application.

MIXING

Pour the recommended amount of clean water into a suitable mixing container. Gradually add SikaWall®-197 External Coat while mixing continuously using a low-speed electric mixer (approximately ~500 rpm) to minimize air entrainment.

Mix for at least 3 minutes until a homogeneous, lump-free mortar with a smooth and workable consistency is achieved.

Allow the mix to stand for approximately 5 minutes, then remix before application.

APPLICATION

SikaWall®-197 External Coat is applied either by hand with a steel trowel or spatula. The coat is then levelled off to a smooth surface with a steel trowel. Ensure that the applied coat has hardened before application of subsequent coats

CLEANING OF TOOLS

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

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 recom-

mentations, 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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