

SikaTop® Seal-107

Flexible protective and waterproofing slurry

Description	A cementitious base, 2-component polymer modified waterproofing slurry coating. It is applied to concrete and mortar to prevent water infiltration.
Uses	<p>SikaTop® Seal-107 can be used for external and internal water-proofing, repair work and protection from frost and de-icing agents. Areas of application:</p> <ul style="list-style-type: none"> ■ Potable water tank ■ Basements ■ Terraces and balconies ■ Bridges ■ Retaining walls ■ Sealing hairline cracks, not subjected to movement
Advantages	<p>SikaTop® Seal-107 provides the following beneficial properties:</p> <ul style="list-style-type: none"> ■ Pre-batched components ■ Easy mixing and application ■ Slurry consistency ■ Good adhesion to sound surfaces ■ Impermeable ■ Effective barrier against carbonation process ■ Non-toxic ■ Non corrosive ■ Slightly flexible ■ Can be spray applied
Certificates	International and local test reports are available
Product Data	
Form / Colour	Component A: Liquid / White Component B: Powder / Grey
Packaging	25 kg set (A+B) Component A: 5 kg pail Component B: 20 kg bag
Storage	Dry, cool, shaded place
Shelf life	Min. 6 months if stored properly in unopened, original packaging
Technical Data	
Density	Component A : ~ 1.02 kg/ltr Component B : ~ 1.40 kg/ltr (bulk density) Freshly mixed mortar : ~ 2.10 kg/ltr



Mixing ratio	<p>Slurry consistency: Component A : B = 1 : 4.0 (parts by weight) Component A : B = 1 : 2.9 (parts by volume)</p> <p>Crack bridging application: Component A : B = 1 : 1 - 2.5 (parts by weight)</p>
Coverage	<ul style="list-style-type: none"> ■ Waterproofing bathrooms, terraces, balconies: 1.5 kg/m² per coat ■ Waterproofing up to 1m water pressure: 1.5 kg/ m² per coat ■ Waterproofing above 1m water pressure or frost protection: 2.0 kg/m² per coat ■ 2 coats are always required <p>Note: 3 coats may be required in areas of extremely high infiltration</p>
Pot life	~ 30 minutes (at 27°C / 65 % r.h)
Bond strength to concrete	≥ 1.0 N/mm ² (on prepared, dampened concrete substrate)
Layer thickness per application	Maximum 2 mm
Application temperature	Minimum 8°C Maximum 40°C
Application	
Surface preparation	<p>Concrete, mortar and masonry surfaces must be clean, free from grease, oil and loosely adhering particles.</p> <p>Absorbent surfaces have to be thoroughly saturated with water prior application of first coat of SikaTop® Seal-107.</p>
Mixing	Under normal circumstances, when the full quantities of both components are mixed together, a slurry consistency will result. Mix in a clean container by slowly adding the powder component to the liquid component and stir with slow speed electric mixer (500 r.p.m.).
Application	Whilst the substrate is still damp from saturation, apply the first coat. Leave to harden for approximately 4-8 hours at the temperatures above 20°C before applying the second coat. For slurry consistency, apply with a hard plastic bristled brush or broom. For floor applications, to avoid risk of damage to the first coat, it is recommended that the second coat be applied after 24 hours. If the second coat is applied 12 hours or later, the slightly prewetted, preferably using a fine spraying. For more details, please refer to our Technical Service Department.
Curing	Generally not required but some precautions should be taken for applications done directly under sunlight and windy conditions.
Cleaning	Clean tools and equipment immediately with water. Hardened material can only be removed mechanically.
Notes on application/Limits	Never apply more than 4 kg/m ² of SikaTop® Seal-107 in one single layer. SikaTop® Seal-107 is not a decorative treatment and may display signs of “blooming” in damp weather conditions. This does not affect the quality of the coating in any way.
Health and Safety Information	
Ecology	Water poluting, dispose as per local regulation
Transportation	Not-hazardous
Toxicity	Non-toxic
Important notes	<p>SikaTop® Seal-107 is cement base and is therefore alkaline. Suitable precautions should be taken to minimize direct contact with the skin. If the material gets into the eyes, rinse immediately with clean water and seek medical attention.</p> <p>The strength values mentioned are average values of laboratory tests. The results on the site may vary due to different environment, curing conditions and testing.</p> <p>Trials should be always conducted before application.</p> <p>Always refer to the latest updated product data sheet.</p>

Construction

Disclaimer

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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