

# SikaTop 107 Seal®

## Waterproofing Coating

**Description** 2-component, pre-dosed, ready for use waterproofing slurry based on resin modified cementitious material.

**Use** For external and internal waterproofing, crack sealing, on concrete, mortar, brickwork, steel in:

- Basements
- Swimming pools
- Water tanks
- Flat roofs
- Balconies, terraces
- Bridges
- Retaining walls
- Sea walls
- Tunnel, etc.

**Advantages** SikaTop 107 Seal® provides the following beneficial properties:

- Pre-dosed sets
- Easy to mix
- Easy to use
- Consistency can be chosen for application by brush or by trowel
- Excellent adhesion on sound substrates
- Impermeable
- Good resistance to abrasion and erosion
- No drying or shrinkage cracks if used according to instruction
- Non-corrosive, non-flammable
- Non toxic
- Slightly flexible

**Coverage** Depending on type of application, 2 coats always required 1 - 1.5 kg/m<sup>2</sup> per coat

### Instruction for Use

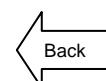
**Substrate Preparation**

**Concrete, mortar, brickwork:**  
Sound, clean, free of oil, grease, dust or laitance, as even possible

**Steel, Iron:**  
Clean, free of oil, grease and rust

*Absorbent substrates have to be thoroughly watered and must be damp wet prior to application of first coat of SikaTop 107 Seal®.*

**Mixing** Pour half of component A (liquid) into mixing vessel. Add all component B (powder) and mix until you have slurry of uniform consistency. Add rest of component A and mix again until you have uniform, lump-free mixture. A mechanical slow speed mixer is recommended. Mixing time 2-3 minutes. If SikaTop 107 Seal® is to be applied by trowel, use only 90% of component A (liquid)



**Application**

*By brush:*  
On vertical surface use suitable brush with synthetic bristles. On horizontal surface use rubber slide or push-broom

*By trowel:*  
For first coat use tooth trowel with 3 mm teeth, for second coat use normal flat trowel.  
Always apply a minimum of 2 coats, the first coat on the still damp, (pre-wetted) substrate. The second coat is to be applied after the first coat started to set and can support the following coat, usually after 2-6 hours, depending on climate. Finish off by brushing with dry sponge when setting of second coat has started. Maximum waiting time between first and second coats is 48 hours.

**Curing :**  
As with all cement based products, curing is important. Protect the freshly applied product against direct sunlight and strong winds. Use damp hessian or plastic sheet. Protect the applied SikaTop from rain and water splashes until fully hardened. (± 6 hours)

- Limitation**
- Do not use **more** than 2 kg/m<sup>2</sup> per coat
  - For roofing or other structures directly exposed to U.V light, it is suggested that SikaTop is protected with 2-3 cm of cement screed.
  - When required to provide a smooth and level surface, levelling screed or render shall be placed before the application of the waterproofing compound. It is recommended that bonding coat is used (e.g. ST 77 D: cement : sand = 1:2:1) before screeding.
  - If the substrate to which the SikaTop 107 Seal<sup>®</sup> is applied cannot dry, the polymer emulsion in it will not coalesce and the SikaTop 107 Seal<sup>®</sup> will not cure to a waterproof thin render.
  - For application of tile on top of SikaTop 107<sup>®</sup> Seal, then Sikafix<sup>®</sup> Tile Adhesive should be used. For optimum result Sikafix Tile adhesive should be applied max. 48 hours after application of finish coat of SikaTop 107 Seal<sup>®</sup> (finish coat applied by brush).

### Technical Data

<b>Form</b>	A = Liquid	B = Powder
<b>Colour</b>	Concrete grey	
<b>Density</b>	2.1 – 2.2 kg/ ltr (part A + B mixed)	
<b>Mixing Ratio</b>	For brush application	1: 4 by weight
	For trowel application	1: 4.5 by weight
<b>Pot life at 25 °C</b>	Approximately 50 minutes	
<b>Strength 28 days</b>	Compressive Strength	300 kg/cm <sup>2</sup>
	Flexural Strength	80 kg/cm <sup>2</sup>
	Bond Strength	11 kg/cm <sup>2</sup>
<b>Shelf life</b>	Minimum 12 months if stored in unopened original container.	
<b>Storage</b>	Dry, cool, shaded place	
<b>Packaging</b>	25 kg set	

- Handling Precautions:**
- Avoid contact with skin & eyes.
  - Wear protective gloves and eye protection during work
  - If skin contact occurs, wash skin thoroughly
  - If in eyes open and flood with warm water. Seek medical attention without delay.
  - A full Material Data Sheet is available from Sika on request.

## 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 product 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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