

## PRODUCT DATA SHEET

# SikaTop<sup>®</sup>-107 Seal PH

Two-component, polymer-modified, cementitious waterproofing mortar

## DESCRIPTION

SikaTop<sup>®</sup>-107 Seal PH is a two-component, pre-dosed, waterproofing slurry based on polymer modified cementitious mortar

## USES

For waterproofing of concrete/cementitious surfaces in:

- Toilets, kitchen, & wet rooms
- Balconies & terraces
- Cistern tanks
- Small water reservoirs
- Basement

## CHARACTERISTICS / ADVANTAGES

- Pre-dosed sets
- Easy to mix
- Easy to use
- Could be applied by brush or trowel
- Excellent adhesion

## PRODUCT INFORMATION

<b>Packaging</b>	25 Kg Set <ul style="list-style-type: none"><li>▪ Part A (Liquid) - 5 Kg</li><li>▪ Part B (Powder) - 20 Kg</li></ul>
<b>Shelf Life</b>	12 Months
<b>Storage Conditions</b>	Store in dry, cool, & shaded place

## SYSTEM INFORMATION

<b>System Structure</b>	2 Layers of SikaTop <sup>®</sup> -107 Seal PH 1.0 Kg/M <sup>2</sup> to 2.0 Kg/M <sup>2</sup> per coat
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## 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.

## USES

- SikaTop®-107 Seal PH is not designed for long-term UV exposure. The material has to be covered by screed or cementitious tile adhesive (CTA) within 7 days.
- Do not use more than 2 Kg/M<sup>2</sup> of SikaTop®-107 Seal PH per coat.
- If the substrate to which SikaTop®-107 Seal PH is applied cannot dry, the polymer emulsion in it will not coalesce and SikaTop®-107 Seal PH will not cure to a waterproofing render.
- For application of tiles on top of SikaTop®-107 Seal PH, use the appropriate CTA (e.g. Davco® Heavy Duty Tile Adhesive). Please consult Sika technical & sales teams.
- Minimum application temperature is 8°C.
- First coat must be allowed to set properly prior to application of subsequent coatings (approximately 2 hours depending on ambient conditions)
- Maximum time in between coating is 48 hours.
- Structures holding high water pressure (>1 M water head) may require thicker coating or another solution. Please consult Sika technical & sales teams.

## 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 PREPARATION

- Concrete surface must be sound, clean, free of oil, grease, dust, or laitance.
- Concrete must be sufficiently cured prior to application of SikaTop®-107 Seal PH.
- Concrete must be pre-damped (with no standing water) prior to application of 1st coat of SikaTop®-107 Seal PH.

### MIXING

#### Mixing Ratio

- For brush application : 1 Part of A: 4 Parts of B
- For trowel application: 1 Part of A: 4.5 Parts of B

#### Mixing Procedure

1. Pour half of Part A (Liquid) into the mixing container
2. Gradually add Part B (Powder) while mixing
3. Gradually add remaining Part A.
4. Mix for at least 3 minutes until you have a slurry of uniform consistency

### 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 trowel.
1. Apply the first coat on the pre-damped substrate.
  2. The second coat is to be applied after the first coat has already started to set and can support the following coat (approximate 2 to 6 hours, depending on ambient conditions).
  3. Finish off by brushing with dry sponge when setting of 2nd coat has started.

### CURING TREATMENT

- Protect the freshly applied product against sunlight & strong winds
- Use damp hessian or PE sheet to aid curing
- Protect the applied SikaTop®-107 Seal PH from rain and water splashed until fully hardened (at least 24 hours)

## 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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**Product Data Sheet**

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