## PRODUCT DESCRIPTION

Two-component, pre-dosed, ready-to-use waterproofing slurry based on resin modified cementitious material.

### USES
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
- Toilet & Bath
- Canopies
- Cistern
- Tanks
- Corrugated GI Sheet
- Tunnel, etc.

### CHARACTERISTICS / ADVANTAGES
SikaTop® Seal-107 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 and non-flammable
- Non-toxic
INSTRUCTIONS

Substrate Preparation

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

Steel, iron
Clean, free of oil, grease and rust. Absorbent substrates have to be thoroughly watered and must be mat wet prior to application of first coat.

Mixing

Pour half of component A (liquid) into mixing container. 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 a uniform, lump free mixture. Mechanical slow speed mixer is recommended. Mixing time is 2-3 minutes. If SikaTop® Seal-107 is to be applied by trowel, use 90% 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 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 has already 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 2nd 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 PE sheet to aid curing. Protect the applied SikaTop® from rain and water splashes until fully hardened (about 6 hours).

Cleaning

Clean tools with water before adhered materials has hardened. Hardened SikaTop® Seal can only be mechanically removed.
LIMITATION

- Do not use more than 2 kg/m² per coat
- For roofing or other structures directly exposed to U.V light, it is suggested that SikaTop® Seal-107 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 with SikaCem Bond (see its product data sheet for details) before screeding.
- If the substrate to which the SikaTop® Seal-107 is applied cannot dry, the polymer emulsion in it will not coalesce and the SikaTop®-107 Seal will not cure to a waterproof thin render.
- For application of tile on top of SikaTop®-107 Seal, use appropriate Tile adhesive. (SikaCeram-100P) or Please consult us.
- Minimum application temperature is 8°C. Do not use more than 2 kg/m² per coat. Maximum time between coating is 6 hours.
- For roofing or other structures which directly contact to UV, it is suggested to protect with 2-3 cm cement screed.
- For swimming pool, a maximum time waterproofing and screeding is 24 hours. More than 24 hours is recommended to use bonding coat (SikaCem Bond:cement = 1:2) before screeding.

STORAGE AND SHELF LIFE

12 months if stored in unopened original container. Store in dry, cool, shaded place.

PACKAGING

25 kg/set

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Form and Color</th>
<th>Component A</th>
<th>Milky white liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component B</td>
<td>Grey powder</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific Gravity (20°C)</th>
<th>Component A</th>
<th>1.015 ± 0.05 kg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component B</td>
<td>1.6 kg/L (apparent)</td>
<td></td>
</tr>
<tr>
<td>Component A+B</td>
<td>2.1-2.2 kg/L</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mixing Ratio</th>
<th>A : B</th>
</tr>
</thead>
<tbody>
<tr>
<td>For brush application</td>
<td>1 : 4 by weight</td>
</tr>
<tr>
<td>For trowel application</td>
<td>1 : 4.5 by weight</td>
</tr>
</tbody>
</table>

| Pot Life at 25°C | Approximately 50 minutes |

<table>
<thead>
<tr>
<th>Strength at 25°C</th>
<th>Compressive Strength 28 days 27.5 N/mm²</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Flexural Strength 28 days 7.8 N/mm²</td>
</tr>
<tr>
<td></td>
<td>Bond Strength 28 days 1.1 N/mm²</td>
</tr>
</tbody>
</table>
Consumption/Coverage

Depending on type of application, 2 coats always required with 1.5-2 kg/m² per coat:
- Waterproofing bathrooms, terraces and balconies is 1.5 kg/m²
- Waterproofing coating up to 1 m waterhead is 1.5 kg/m² per coat
- Waterproofing coating more than 1 m waterhead is 2.0 kg/m² per coat
- As a protective coating is 2.0 kg/m² per coat

Note: 3 coats may be required in areas of extremely high infiltration.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations.