BUILDING TRUST

PRODUCT DATA SHEET

SikaTop®-109 Seal PH

2-component flexible cementitious waterproofing

DESCRIPTION

SikaTop®-109 Seal PH is a two-component flexible cementitious waterproofing mortar used for the protection and waterproofing of concrete and masonry

USES

Waterproofing mortar for concealed application of:
- Toilets & bath (under tile)
- Balconies, terraces, and canopies (under-tile or with topping)
- Concrete gutters (under-tile or with topping)

CHARACTERISTICS / ADVANTAGES

- Flexible
- Watertight
- Pre-dosed (no need to add water or other materials)

APPROVALS / STANDARDS

Low VOC as tested according to California Standard Section 01350 (Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2

PRODUCT INFORMATION

Packaging	23 kg set (18 kg powder, 5 L liquid) 4.5 kg set (3.5 kg powder, 1 L liquid)
Shelf Life	12 Months from date of manufacture if stored in original, unopened containers
Storage Conditions	Must be stored in cool, dry, and shaded area with conditions at +5 °C and +35 °C

TECHNICAL INFORMATION

Tensile Adhesion Strength

Days	Tensile Adhesion Strength
7	≥ 0.8 MPa
28	≥ 1.0 MPa

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.

LIMITATIONS OF USE

- Working temperature range: +10 °C to +35 °C
- Apply a minimum of 2 coats at the recommended consumption (At least 2 kg/m²)
- All necessary measures shall be taken to avoid rapid curing. Where practicable, application should be carried out under shaded and cool conditions.
- Do not dampen between coats. Wipe off any condensation/water.
- Do not mix with hydraulic binders, cement, sand, and/or water.
- Do not use acid-based cleaning products
- Install concrete topping or tiling as soon as possible after curing of topcoat to avoid exposure to UV. Protective layer/tiling is recommended to be done within 7 days from application

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

- Surface must be free from dirt, laitance, oil, and other bond inhibitors.
- High points and protrusions must be mechanically removed.
- Honeycombs and voids must be repaired by compatible material (e.g. Sika® Monotop® -3731).
- Corners must be properly chamfered or SikaTop®-109 Seal PH must be reinforced.
- Concrete surface must be damp but with no standing water

MIXING

1. Pour 3/4 of the resin into a suitable container.
2. Slowly pour the powder while mixing with mechanical slow mixer (Recommended RPM: 300 to 500 RPM).
3. Gradually add the remainder of the resin into the mix.
4. Mix for 2 to 3 minutes until a uniform, lump-free slurry is formed.
5. Leave to stand for a few minutes to allow bubbles to be eliminated.

APPLICATION METHOD / TOOLS

1. Apply SikaTop® -109 Seal PH by brush or trowel.
2. Apply a 1st coat of reasonable quantity (1 kg/m² to 2 kg/m²).
3. Allow the 1st coat to set (touch-dry) before applying the 2nd coat of SikaTop® -109 Seal PH.
4. Allow 48 hours for the topcoat to cure prior to flood testing, tiling, or screeding.

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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