

PRODUCT DATA SHEET

SikaCim[®]-207 Waterseal

UNIVERSAL WATERPROOFING POLYMER

DESCRIPTION

SikaCim[®]-207 Waterseal is a concentrated liquid contain special polymer and special nano particle which reacts with cement mix to provide an effective water barrier against the water.

USES

SikaCim[®]-207 Waterseal mixed with cement powder to forms a waterproofing slurry for coating in:

- Both new and refurbishment project
- Horizontal and vertical application
- Wet room
- Balcony
- Small flat roof

FEATURES

- Durable
- Excellent adhesion to substrate
- Easy to apply with brush, no special tools required
- Seamless – no overlap
- Promote crystallization effect with cement
- Create non-permeable membrane
- Cost efficient

PRODUCT INFORMATION

Packaging	1 kg (pouch)
Shelf life	12 months from date of production if stored properly in original, un-opened and undamaged sealed packaging.
Storage conditions	Store in dry conditions at temperatures between +5 °C and +30 °C
Appearance and colour	Liquid / Bluish
Density	1.01 – 1.02 kg/L

TECHNICAL INFORMATION

Tensile adhesion strength	28 days = ~0.5 N/mm ²	(depend on mixing ratio and cement quality)
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APPLICATION INFORMATION

Recommended dosage	Mixing Ratio : SikaCim [®] -207 Waterseal : Cement = 1 : 2.5 – 3.0 (by weight) SikaCim [®] -207 Waterseal : Cement = 1 : ~2.0 (by volume) (brushable consistency, depend on cement type and quality)
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Consumption	400 – 500 gram / m ² / coat (mixed with cement) approx. 3.5 m ² / Pouch / 2 Coats	
	Recommended to apply 2 coats.	
Ambient air temperature	+20 °C to +35 °C	
Application time	Pot Life (at +30 °C)	~60 min (depend on mixing ratio and cement quality)
	Curing Time	
	Waiting time between coats	1 - 4 hours
	Applied product ready for immersion	3 days

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS OF USE

Do not add any other liquid (water, oil, grease, etc.). Only use SikaCim®-207 Waterseal as a liquid component.

IMPORTANT CONSIDERATIONS

- For structures directly exposed to U.V light, it is suggested that mixed SikaCim®-207 Waterseal is protected with 2-3 cm of cement screed.
- For tile application on mixed SikaCim®-207 Waterseal, use SikaCeram® series.
- When using a reinforcement material, consumption rate will be higher.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete / screed / plaster surface must be clean, sound, level and uncontaminated by oil or grease. Remove cement laitance, dust, and loosely adhering particles. Absorbent substrates must be pre-wetted to saturated surface dry (SSD) conditions, but no standing water.

MIXING

- Pour SikaCim®-207 Waterseal into mixing vessel then add the correct quantity of cement powder slowly to avoid lumps.
- Mix properly to achieve a uniform and lump-free consistency (min. 3 minutes).
- Mixing method : Hand mix or slow speed mixer.

APPLICATION

- Ensure the substrates is saturated surface dry (SSD) condition.
- Apply 1st coat of mixed SikaCim®-207 Waterseal by brush. Allow to dry 1 – 4 hours (depends on weather condition).
- Apply 2nd coat of mixed SikaCim®-207 Waterseal by brush with a crosswise direction.
- Maximum waiting time between first and second coat is 24 hours.
- Use a reinforcement material (e.g. Sika® Reemat-120 GFR) at corner and other crack-risk area.

CURING TREATMENT

As a cement-based product, curing is important. Protect the freshly applied product against direct sunlight and strong winds. Use plastic sheet. Protect the applied product from rain and water splashes until fully hardened (~ 6 hours).

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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