

PRODUCT DATA SHEET

Sika® Lasqa WP

Pre-packed waterproofing tile adhesive for marble, natural stone, porcelain and all ceramic tiles interior and exterior.

DESCRIPTION

SikaLasqa® wp is a one-pack premixed waterproofing adhesive consisting of high resistance cements, high polymers content, selected silica/quartz mineral charges and specific additives.

Suitable to use on substrates such as concrete, sand cement screeds, plaster boards and renders.

Water proofing tile adhesive for marble, natural stone, porcelain and all ceramic tiles classified according to En 12004

USES

- Laying all kind of ceramic tiles, even porcelain in large size.
- Laying marbles and natural stone.
- Indoor and outdoor, on walls and floors.
- Waterproofing tile adhesive.
- Suitable for use in wet areas, kitchens, showers, swimming pools, condition of water tanks and permanent submersion.

PRODUCT INFORMATION

Packaging	25 kg bags.
Shelf life	12 months from date of production if stored properly in original unopened packing.
Storage conditions	Store in a dry cool place, away from moisture and direct sunlight.
Appearance and colour	Grey / White.
Density	1.8 kg./l. (Fresh mortar)

TECHNICAL INFORMATION

Resistance to impact	Damp Resistance	Excellent.
Compressive strength	Approx. 14 N/mm ² (after 28 days).	

CHARACTERISTICS / ADVANTAGES

- No vertical slipping
- Extended open time
- Can be applied up to 10 mm
- Can be applied on cement waterproofing mortars without any special preparation

APPROVALS / CERTIFICATES

- Sika Lasqa® -WP has been tested according to EN-12004 C2TE, ANSI 118.4
- Result VOC Content < 100 g/L

APPLICATION INFORMATION

Consumption	10 -12 m ² per 25 kg bag (base on Trowel size 6mm).	
Substrate temperature	From 8°C to 35°C.	
Pot Life	(at 25°C)	Approx. 5 hours
Open Time	> 30 mins (at 25°C)	
Adjustability time	Approx. 40 minutes (At 25° C)	
Waiting time	Before floor grouting - light foot traffic	24-36 hours
	Before wall grouting	4-6 hours
	Before opening to full traffic	Approx. 14 days (21 days for water tanks and pools)

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.

IMPORTANT CONSIDERATIONS

Notes of application :

Sika lasqa wp must not be applied in the following situations:

- On metal surfaces and wood
- To achieve coats more than 10 mm
- On old ceramics
- For laying of ceramic tiles larger than 60 *60 cm in size without mechanical fastening
- At temperatures lower than +5 c or higher +35 c

ECOLOGY, HEALTH AND SAFETY

Ecology

- Do not dispose of into water or soil but according to local regulations.

Transport

- Non-hazardous.

Safety Precautions

- Wear gloves and goggles, In contact with eyes or skin product may cause irritation.

Toxicity Non-Toxic

- under relevant health and safety codes.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete surface must be clean, sound, level and uncontaminated by oil or grease. Remove cement laitance, formwork traces and loosely adhering particles by sand blasting or high pressure water jetting. Absorbent substrates must be pre-wetted to saturated surface dry (SSD) conditions.

Sika Lasqa® -WP is applied directly on plasters and cementitious substrates, mortars, concrete, plaster-board, helicopter finished concrete.

MIXING

Mixing Ratio :

5-6 litres water to 25 kg powder Grey or White

APPLICATION

1- Mix a 25 kg bag with the recommended amount of water in a clean bucket, using an electric mixer with a suitable mixing spiral at low speed until a smooth, lump-free paste is achieved.

Use a max. 500 rpm mixer; do not mix at a faster rate as this will reduce the mechanical strength of the cured product. After mixing, leave the product to sit for 5-10 min., then briefly stir the mix prior to application. The resulting mix should be very creamy, easily spreadable, and highly thixotropic.

2- SikaLasqa® wp is applied using a notched trowel. The amount of product should be enough to ensure complete wetting of the tiles' rear. Tiling has to be carried out on fresh glue, exerting an adequate pressure to ensure contact with the adhesive. If a surface film has formed on the adhesive, it is necessary to wipe the trowel over the adhesive layer previously applied.

Avoid wetting with water any adhesive already applied.

SikaLasqa® wp is used for fixing absorbent tiles up to a maximum size of 3,600 cm² (e.g. 60 x 60 cm) .

For any other kind of substrate, please contact the Sika technical department.

For laying tiles equal or greater in size than 900 cm² (e.g. 30 x 30 cm), the double spreading

CLEANING OF EQUIPMENT

Clean tools and equipment immediately after use with water. Cured product can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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