

Sika Lasqa® Pre-packed Cementitious Tile Adhesive

Product Description Sika Lasqa® is a single component, pre-packed tiling adhesive mortar combining cement with selected grades of silica sand and several admixtures. Only requires addition of water.

Uses & Advantages

- Factory mixed - consistent quality.
- Easy to use, just add water
- Better coverage for wall and floor tiling.
- Better workability (saves 25 - 50 % of time) and thixotropic consistency
- Tiles need not be pre-soaked in water.
- Tiles can be adjusted up to 30 minutes after application.
- Good bond adhesion up to 1.5 N/mm².
- Long pot life and slower setting time. (Initial - 6 hours & Final - 7 hours).
- It can be used for thin bed application up to 5 mm.

Sika Lasqa® is suitable to bond the following types of tile:

- Ceramic, natural and reconstituted stone tiles
All type of high absorption ceramic tiles, small and medium size

Sika Lasqa® can be used internally on walls and floors, and externally on floors.

Sika Lasqa® can be used on substrates including:

- Concrete and mortar
- Bricks and stone

On overall comparison, Sika Lasqa® pre-packed cementitious tiling adhesive is more economical than conventional mortar by as much as 10 - 20 %.

Approvals / Standards ■ Sika Lasqa has been tested as per SCAQMD Rule 1168'
Result VOC Content 0 g/L



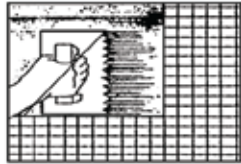
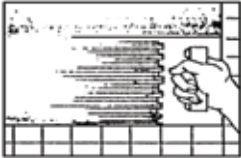

Product Data

Form	Powder.
Colour	Grey / White.
Packaging	25 kg bags.
Storage Condition	Store in a dry cool place, away from moisture and direct sunlight.
Shelf Life	12 months from date of production if stored properly in original unopened packing.

Technical Data

Density (Bulk)	Approx. 2.0 kg/l. & Approx. 1.8 kg./l. (Fresh mortar)
PH of Mix	Approx. 10 ± 1.
Consistency of Mix	Thin mortar adhesive.
Adjustability Time	Approx. 30 minutes.
Damp Resistance	Excellent.
Solvent & Oil Resistance	Good.
Acids & Alkalis Resistance	Poor.
Temperature Resistance	Up to 90°C
Bonding Strength	Approx. 1.5 N/mm ² (after 28 days).
Compressive Strength	Approx. 17.0 N/mm ² (after 28 days).
Flexural Strength	Approx. 5 N/mm ² (after 28 days).



Application Consumption	7 - 8 m ² per 25 kg bag (base on 2 mm fresh mortar thickness).	
Preparation of Substrate	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.	
Application Temperature	From 8°C to 40°C.	
Application	    	<p>1- Use 5 – 5.5 litres water to 25 kg powder</p> <p>2- Mix well with a slow speed drill (max. 500 rpm) until homogeneous & free lumps achieved. Do not mix more material than can be used within open time. Do not add extra water after mix.</p> <p>3- Apply with 'V' notched trowels for small tiles.</p> <p>4- Apply with square notched trowels for bigger tiles. - For Floor large tiles, use a 9 mm notched trowel</p> <p>5- Fix Tiles</p>

Pot Life	(at 25°C) Approx. 40 minutes.
Open Time (at 25 °C 60 % RH)	Approx. 30 minutes.
Waiting Time Before Grouting	For wall - after 7 to 8 hours (depending on temperature). For floor - after 24 hours.
Open to Full Traffic	After 7 days.

Safety Instructions	
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.

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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