

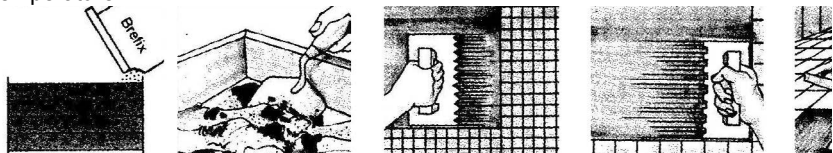
**Product Data Sheet**  
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Sika® Brefix

## Sika® Brefix

### Prepacked cementitious tile adhesive

<b>Product Description</b>	Sika® Brefix is a prepacked cementitious. The product is ideal for installing ceramic tiles, homogeneous tiles. Sika® Brefix can be used as thin bed or thick bed adhesive for floor and wall tiling works and is suitable for internal.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>- Damp and Fungi resistance is good</li> <li>- Factory mixed - consistent quality</li> <li>- Better workability. Saves time installation and material cost</li> <li>- Tiles can be adjusted up to 20 minutes after application</li> <li>- Flexible use for many items, many different requirements</li> <li>- Soaking of tiles in water before installation is not required</li> </ul>
<b>Product Data</b>	
<b>Element</b>	Cement, graded sand, several admixtures
<b>Form/Colour</b>	Powder / Grey
<b>Packaging</b>	5 kg and 25 kg per bag
<b>Storage</b>	Dry, cool, shaded place
<b>Shelf life</b>	Min. 6 months if stored properly in unopened, original packaging
<b>Technical Data</b>	
<b>Density</b>	1.50 kg/ltr (bulk density of powder) 1.85 kg/ltr (density of fresh mortar)
<b>Mixing ratio</b>	Water : Sika® Brefix powder = Approx. 1 : 4-4.5 (parts by weight) Approx. 5 to 6 liters of clean water per 25 kg bag
<b>Consumption</b>	1 bag yields approx. 16.2 litres of mortar Approx. 62 bags required for 1(one) m <sup>3</sup> of mortar
<b>Coverage</b>	~7-8 m <sup>2</sup> per 25 kg bag (based on 2 mm mortar thickness) The consumption is dependent on the surface profile and roughness of the substrate as well as on the size of the tiles and the placing technique (simple placing or back-buttering)
<b>Pot life</b>	60 minutes (at 27°C / 65% r.H)
<b>Consistency of mix</b>	Thick, thixotropic mortar
<b>Adjustability time</b>	Approx. 20 minutes
<b>Waiting time before grouting</b>	<ul style="list-style-type: none"> <li>■ For wall – after 7 to 8 hours (depending on temperature)</li> <li>■ For floor – after 24 hours</li> <li>■ Open to full traffic - after 14 days</li> </ul>



<b>Damp resistance</b>	Excellent
<b>Fungi resistance</b>	Excellent
<b>Temperature resistance</b>	Up to 90°C
<b>Compressive strength</b>	~15 N/mm <sup>2</sup> (28 days)
<b>Bond strength</b>	~1.0 N/mm <sup>2</sup> (on prepared, dampened concrete surface)
<b>Application temperature</b>	Minimum 8°C Maximum 40°C
<b>Application</b>	
<b>Preparation of substrate</b>	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 condition.
<b>Mixing</b>	Add approximately <b>Sika® Brefix</b> powder to 5-6 litres of clean water and mix thoroughly using a hand-held or mechanical mixer for 3- 5 minutes until a homogenous lump-free paste is achieved. Allow the mix to stand for 1- 2 minute and thoroughly re-mix for another 1minute before using.
<b>Application Method</b>	Use a notched trowel for application onto the substrate and buttering onto the back-face of the tile to enhance the performance and proper coverage of the adhesive. Tiles with deep groove should be properly buttered and ensure the adhesive grout have proper coverage in the inner groove of the tiles. The tiles should be firmly pressed onto the substrate and immediately tamped into position. Any adjustment of tile should be done within 20 minutes after application. Ensure the tiles and the tiles adhesive are properly in contact with the substrate. The wet mix should be used within the 60 minutes, depending on the ambient temperature.
	
<b>Cleaning</b>	Remove non-hardened <b>Sika® Brefix</b> products from tools and equipment with water. Hardened material can only be removed mechanically.
<b>Health and Safety Information</b>	
<b>Ecology</b>	Do not dispose into water
<b>Transportation class</b>	Non-hazardous
<b>Waste disposal</b>	According to local law
<b>Important notes</b>	Sika® Brefix is cement base and is therefore alkaline. Suitable precautions should be taken to minimize direct contact with the skin. If the material gets into the eyes, rinse immediately with clean water and seek medical attention.
<b>Disclaimer</b>	<i>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.</i>



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