

# PRODUCT DATA SHEET

## Sika® Plaster Mix

### BRICK ADHESIVE AND PLASTER

#### DESCRIPTION

Sika® Plaster Mix is a one component, pre-packed polymer modified mortar combining cement with selected grades of sand and several admixtures; used as red and concrete bricks adhesive, and plaster. It has excellent adhesion.

#### USES

For bonding of red and concrete bricks  
Plaster can be applied on various surface, such as :

- Red and concrete bricks surface.
- Concrete surface that have been treated with bonding agent (e.g. Sika Latex® or SikaBond® NV)

#### CHARACTERISTICS / ADVANTAGES

- Dual function for bricks adhesive and plaster
- Excellent adhesion
- Prevents hair cracks caused by material shrinkage
- More efficient, only 10 mm thickness for both type of application
- Plaster surface result is not rough with maximum 3 mm grain size sand
- Factory mixed – consistent quality
- Easy to use and apply, just add water

#### PRODUCT INFORMATION

Packaging	25 kg bag
Appearance / Colour	Powder / Light grey
Shelf Life	9 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage Conditions	Store in dry conditions at temperatures between +5 °C and +30 °C.
Density	~1.90 kg/L (mix density)

#### TECHNICAL INFORMATION

Compressive Strength	28 days	~3.5 N/mm <sup>2</sup>	(ASTM C-109)
Service Temperature	8 °C to 40 °C		

#### APPLICATION INFORMATION

Mixing Ratio	Water : Sika® Plaster Mix = 4.0 L : 25 kg (by weight) Water : Sika® Plaster Mix = 1 : 3.5 (by volume)
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<b>Consumption</b>	<b>Brick Adhesive :</b> ~0.75 m <sup>2</sup> per 25 kg bag (based on 10 mm thickness)*	
	<b>Plaster :</b> Red brick : ~1.1 m <sup>2</sup> per 25 kg bag (based on 10 mm thickness)* Light brick : ~1.3 m <sup>2</sup> per 25 kg bag (based on 10 mm thickness)* *depend on substrate surface	
<b>Layer Thickness</b>	For red and concrete brick laying : 10 mm (max. thickness 15 mm) For plastering : 10 mm (max. thickness 15 mm)	
<b>Ambient Air Temperature</b>	8 °C to 40 °C	
<b>Pot Life</b>	at 30 °C	~1 h
<b>Waiting Time / Overcoating</b>	As brick adhesive before plaster – after 24 h As plaster before skim coat – after 7 d	

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Application area 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.

### MIXING

- Pour 4.0 L of water into mixing vessel then add Sika® Plaster Mix slowly and mix properly.
- Mixing time is ~ 3 minutes. A slow speed mixer is recommended (300 – 600 rpm).

### APPLICATION

#### As Brick Adhesive

- Apply with scoop then fix the brick. Proceed to apply while Sika® Plaster Mix is still wet.
- Waiting time before plaster application minimum 24 hours. To get the best result use Sika® Plaster Mix.

#### As Plaster

- Apply with flat trowel.
- Waiting time before skim coat application minimum 7 days. To get the best result use Sika® Skim Coat.

### CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.

## LIMITATIONS

- Need to immerse the brick prior to apply.
- Protect the freshly applied product against direct sunlight

## 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.

## LOCAL RESTRICTIONS

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

## 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.

## 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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