BUILDING TRUST

PRODUCT DATA SHEET

SikaCeram®-88 Tile Adhesive KH

Prepacked cementitious tile adhesive

DESCRIPTION

SikaCeram®-88 Tile Adhesive KH is a prepacked cementitious tile adhesive. The product is ideal for installing ceramic tiles, homogeneous tiles. SikaCeram®-88 Tile Adhesive KH can be used as thin bed or thick bed adhesive for floor and wall tiling works and is suitable for internal.

USES

Suitable for fixing:
- Wall and floor tiles
- Ceramics tiles
- Porcelain tiles
- Absorbing tiles
- Interior use only

FEATURES

- Good damp and fungi resistance.
- Factory mixed – consistent quality.
- Better workability. Saves time installation and material cost.
- Tile can be adjusted up to 20 minutes after application.
- Flexible use for many items, many different requirements.
- Soaking of tiles in water before installation is not required.

PRODUCT INFORMATION

Packaging	20 kg / bag
Appearance and colour	Powder / Grey
Shelf life	Min 9 months if stored properly in unopended, original packaging.
Storage conditions	Dry, cool and shaded place.
Density	1.49 kg/l (bulk density of powder)

TECHNICAL INFORMATION

Compressive strength	~10 N/mm² (28 days) *ASTM C349-08*
Tensile adhesion strength	≥ 0.5 N/mm² (on prepared, dampened concrete surface) *ISO 13007-2:2005 TCVN 7899-2:2008*

APPLICATION INFORMATION

Mixing ratio	Approx 4.0 - 4.5 L of clean water per 20 kg bag

Consumption	Consumption is always dependent on the substrate surface profile and roughness, the size of the tiles and the joints between them, as well as on the application technique (single adhesive layer on the substrate, or with an additional 'buttering' layer on the back of the tiles as recommended for tiles larger than 30 x 30 cm). Coverage: ~5.6 - 6.4m² per 20 kg bag (based on 2 mm mortar thickness).
Substrate temperature	Minimum 8°C Maximum 40°C
Pot Life	~60 minutes (at 27°C/ 65% r.H).
Curing time	▪ For wall - after 7 to 8 hours (depending on temparature). ▪ For floor – after 24 hours. ▪ Open to full traffic – after 14 days.
Adjustability time	~20 minutes.

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.

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 condition.

MIXING

Add SikaCeram®-88 Tile Adhesive KH powder to ~4.5 - 5 L of clean water and mix thoroughly using a handheld or mechanical mixer for 3-5 minutes until a homogeneous lump-free paste is achieved. Allow the mix to stand 1-2 minutes and thoroughly re-mix for another 1 minute before using.

APPLICATION

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. Tile with deep grove should be properly buttered and ensure the tile adhesive grout have proper caverage in the inner grove 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 tiles adhesive are properly in contact with the substrate.

CLEANING OF EQUIPMENT

Remove non-hardened SikaCeram®-88 Tile Adhesive KH products from tools and equipment with water. Hardened material can only be removed mechanically.

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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