BUILDING TRUST

PRODUCT DATA SHEET

SikaCeram® Sealing Fix

WATERPROOF ADHESIVE FOR BONDING SIKACERAM® SEALING MEMBRANE A AND SIKACERAM® SEALING MEMBRANE W

DESCRIPTION

SikaCeram® Sealing Fix is a 2-part, waterproof adhesive used for bonding SikaCeram® Sealing Membrane A or SikaCeram® Sealing Membrane W.

USES

Bonding the following SikaCeram® membranes:
- SikaCeram® Sealing Membrane W for interior wet rooms
- SikaCeram® Sealing Membrane A for interior and exterior wet rooms, swimming pools and balconies

CHARACTERISTICS / ADVANTAGES

- Watertight
- Crack bridging
- Frost resistant
- Very low emissions
- Low dust
- 2-part
- Roller or trowel applied
- Typical bonding substrates: Cementitious, gypsum boards, ceramic, calcium sulphate

SUSTAINABILITY

- VOC emission classification GEV-Emicode EC 1PLUS

PRODUCT INFORMATION

Composition	Dispersion: Acrylate Powder: Cement, selected aggregates, water retention additives, re-dispersible polymer	
Packaging	Parts A + B: 7,8 kg container. Refer to current price list for packaging variations.	
Appearance / Colour	Part A	Dispersion
	Part B	White powder
Shelf life	12 months from date of production	
Storage conditions	Product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +35 °C. Always refer to packaging.	

TECHNICAL INFORMATION

Temperature Resistance	- 20 °C up to 70 °C

SYSTEMS

System Structure

For the following substrates, a primer must be used:

Substrate	Primer
Highly absorbent substrates	Sikafloor®-01 Primer (1:3) Sikafloor®-03 Primer
Absorbent substrates (cementitious screed, concrete)	pre wet the substrate
Calcium sulphate substrates (gypsum plaster, calcium sulphate screed)	Sikafloor®-01 Primer (1:1) Sikafloor®-03 Primer
Non-absorbent substrate (ceramic tiles)	No priming required if abraded

System Structure

Adhesive	SikaCeram® Sealing Fix
Membrane	SikaCeram® Sealing Membrane W or SikaCeram® Sealing membrane A
Accessories	Sika® SealTape F
Tile adhesive	SikaCeram®-250 StarFix, SikaCeram®-250 StarFix White, SikaCeram®-260 StarFlex, SikaCeram®-270 Multiflow SikaCeram®-290 StarLight, SikaCeram®-295 StarS2

APPLICATION INFORMATION

Mixing Ratio

Part A	4,8 kg dispersion
Part B	3,0 kg powder
Part A : Part B	1,6 : 1,0 by weight

Consumption

~0,46 kg/m² dispersion + 0,29 kg/m² powder
Consumption depends on the roughness and absorbency of the substrate. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

Pot Life

~45 minutes at +20 °C

Open Time

~15 minutes at +20 °C

APPLICATION INSTRUCTIONS

EQUIPMENT

Mixing
- Electric single paddle mixer (< 500 rpm) with spiral paddle

Application
- Roller
- 3 or 4 mm square notched trowel

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate can be one of the following materials: Cementitious, gypsum boards, ceramics and calcium sulphate based.
Cementitious substrates must be sufficiently cured and dried (2–6 weeks), all substrates must be structurally sound, able to support the weight of the new tiling and provide a stable and securely fixed background. Surfaces must be clean, dry, free of any loose or friable particles, contaminants such as dust, dirt, oil, wax, polish grease, cement laitance or efflorescence. Depending on the substrate condition and contaminants to be removed from the surface, use adequate preparation techniques to remove all traces of any materials that could reduce the product's adhesion to the substrate. Smooth surfaces should be roughened lightly to improve adhesion. To confirm adequate surface preparation and adhesion, carry out a small trial before full application.
Any surface defects and variations in level, profile, or around exposed aggregates can be levelled with appropriate mortars from the Sika MonoTop® or Sikafloor® Level range. Cracks in substrates must be identi-

fied and sealed appropriately e.g. with Sikadur epoxy resins.
If SikaCeram® Sealing Fix, membrane and tiles are to be applied over non-absorbent or substrates with limited absorbency, such as existing ceramic tiles, painted surfaces etc. check to confirm these surfaces are all stable, firmly and securely bonded. Then use suitable degreasing/descaling products to thoroughly and completely clean the surface.

MIXING

Pour Part B (powder) into Part A (dispersion). Mix thoroughly using an electric mixer and stirrer until the material is fully mixed and lump free (~3 minutes). Avoid entraining air into the mix by over mixing.
Do not add water. If partial quantities are required, mix by weight 1,6 Part A : 1,0 Part B in a separate mixing container.

APPLICATION

Apply SikaCeram® Sealing Fix with a roller or 3 / 4 mm notched trowel.
Waterproofing details made with Sika® SealTape F and accessories can be applied before or after the membrane using SikaCeram® Sealing Fix.
If application is interrupted, the roller can be stored up to 30 minutes in an airtight plastic film / bag. If product starts to cure on the roller, the roller must be replaced.
Refer to the PDS of the relevant SikaCeram® Sealing Membrane for installation process.

CLEANING OF EQUIPMENT

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

IMPORTANT CONSIDERATIONS

- Apply membrane within 15 minutes of SikaCeram® Sealing Fix application.

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.

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 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.

Sika Services AG
Tüffenwies 16
8048 Zürich
Tel: +41 58 436 4040
www.sika.com