

PRODUCT DATA SHEET

SikaCeram® Ready Mixed Fix & Grout

A non-slip, waterproof tile adhesive and grout with built-in mould resistance

PRODUCT DESCRIPTION

SikaCeram® Ready Mixed Fix & Grout is a premium grade waterproof adhesive and grout which dries to a brilliant white finish. Designed to be used in areas subject to frequent wetting and high humidity.

USES

- Designed for use in kitchens, bathrooms, power shower areas, worktops, steam rooms.
- Areas that are subject to frequent wetting but not total water immersion.
- For use with ceramic and porcelain wall tiles & mosaics.
- Can be applied to fibreboard, plasterboards, existing tiles, gypsum plaster, cement render, concrete block work and all types of Tile Backer board.

CHARACTERISTICS / ADVANTAGES

- Dries to a brilliant white finish.
- Excellent water resistance.
- Extremely high bond strength.
- Compressible – allows for slight thermal movement.
- Easy to apply.
- Ready mixed formula - no mixing, no mess. Apply straight from the tub.
- Built-in mould resistance.

APPROVALS / STANDARDS

Conforms to BS EN 12004 – Class D2T.

PRODUCT INFORMATION

Packaging	0.75 kg, 1.5 kg, 3.75 kg, & 7.5 kg tubs
Appearance / Colour	Thick white paste: dries and stays brilliant white
Shelf Life	12 months from date of manufacture in original unopened containers.
Storage Conditions	Store in cool (+5 °C to +25 °C) dry conditions. Protect from frost.
Density	approx. 1.7 g/cm ³
Slip resistance	≤0.5 mm
Lap Shear Strength	≥1.0 kN/mm ²

APPLICATION INFORMATION

Consumption	1.5 kg - 2 kg will fix and grout approx. 1 m ² of tiling depending on size of tile.
Layer Thickness	3 - 6 mm
Ambient Air Temperature	+5 °C to +35 °C
Open Time	Approx. 20 mins at +20 °C
Curing Time	24 – 72 hours (depending on substrate)

VALUE BASE

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.

LIMITATIONS

- Only to be used for walls. Do not use on floors.
- When fixing porcelain or large format tiles the drying time will be significantly extended, therefore, grouting should be delayed until the adhesive is fully dry.
- Do not apply when the room temperature is below +5 °C or likely to be that low in the 24 hours after fixing.
- Do not use in areas subject to rising or penetrating damp
- Do not use for swimming pools.
- Do not use externally.
- When used as a grout, allow to dry for 7 days before using shower or baths.

It is the user's responsibility to determine suitability of use. If in doubt, please contact Technical Services department for advice.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Surfaces to be tiled must be clean, dry and sound. Porous surfaces, including plaster, must be primed with SikaBond® SBR diluted 1 to 3 with water and allowed to dry before tiling. Allow new plaster to dry at least 4-6 weeks before tiling. Highly polished plaster surfaces should be roughened with a stiff brush. All wood based surfaces should be overlaid with Tile Backer Boards.

- Plasterboard / Plywood / Chipboard - Must be braced with seasoned timber at 300 mm vertic-

ally and horizontally.

Use moisture resistant grades. All surfaces and edges must be sealed with SikaBond® SBR diluted 1:3 with water.

- Existing Glazed Tiles / Formica - Roughen surfaces with abrasive sander and prime with SikaBond® SBR diluted 1:1 with water. Apply adhesive whilst still tacky. Allow at least 5 days before grouting.
- Painted Surfaces - Not recommended for direct application to emulsion or limewash paints. Remove loose material and prime with SikaBond® SBR diluted 1:3 with water. For gloss paints, degrease and score with knife to provide key for adhesive. Allow at least five days drying before grouting.

APPLICATION

AS AN ADHESIVE:

- Apply SikaCeram® Ready Mixed Fix & Grout to wall at a depth of 3-6 mm combing out an area no greater than 1 m² at a time.
- The position of tiles can be adjusted up to 10 minutes after initial fixing.
- Open time of the exposed adhesive bed is approx. 20 minutes.
- In dry situations, use a suitable notched trowel across the surface of the adhesive before placing the tiles into position and securing with a slight twist action to remove air voids.
- In areas subject to wet conditions, do not use a notched trowel. Bed the tiles directly into the surface of the adhesive and again, secure with a slight twist action.
- In both situations, it is good practice to periodically remove a tile and check that at least 75 % of the tile is covered in adhesive. If this is not the case, apply fresh adhesive and reposition.
- All surplus adhesive must be removed whilst adhesive is still wet using a dampened cloth or sponge, particularly along grout lines.
- Grouting can begin 24 hours after fixing on porous surfaces such as plaster or up to 7 days where tiles have been fixed to an impermeable surface such as existing tiles.

AS A GROUT:

- Apply by squeegee or sponge, working well into joints.
- Ensure no voids remain. Suitable for joints up to 6 mm wide and 10 mm deep.
- Allow adhesive to dry for 24- 72 hours before grouting depending on porosity.
- Allow grout to dry for up to 14 days before using shower areas or baths.

CLEANING OF TOOLS

Clean all tools/equipment with warm soapy water after application.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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Product Data Sheet

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