

PRODUCT DATA SHEET

SikaCeram® Ready Mixed Tile Adhesive

Ready to use, non-slip, showerproof, acrylic-based wall tile adhesive

PRODUCT DESCRIPTION

SikaCeram® Ready Mixed Tile Adhesive is an off-white acrylic-based high-grab adhesive with an extended open time. Designed for various types of tiles onto walls in bathrooms, kitchens and domestic shower areas. It is easy to apply with excellent spreading and non-slip properties.

USES

- Designed for general use on walls in bathrooms, kitchens & shower areas.
- For use with ceramic and porcelain wall tiles & mosaics.
- Can be applied to fibreboard, plasterboards, existing tiles, gypsum plaster, cement render, concrete blockwork and all types of tile backer board.

CHARACTERISTICS / ADVANTAGES

- Easy to trowel with good wet edge.
- Ready mixed formula - no mixing, no mess. Apply straight from the tub.
- Excellent non slip characteristics.
- High bond strength.
- Extended open time.

APPROVALS / STANDARDS

EN12004 Class D1TE

PRODUCT INFORMATION

Chemical Base	Acrylic
Packaging	3.75 kg, 7.5 kg and 14 kg tubs
Colour	Off white
Shelf Life	12 months in original unopened container
Storage Conditions	Store in cool dry conditions between +5 °C to +25 °C. Protect from frost.
Density	1.7 g/cm ³
Shear Strength	22.9 kN (minimum: 8.9 kN BS 5980)
Slip resistance	<0.5 mm
Service Temperature	-30 °C to +100 °C

APPLICATION INFORMATION

Consumption	Approx. 1.6 kg/m ² (4 mm notched trowel)
Layer Thickness	3-6 mm

Open Time	20 - 30 minutes @ 20 °C
Curing Time	24 - 72 hours (depending on substrate)
Application condition	Application Temperature: +5 °C to +25 °C

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 use in areas subject to rising or penetrating damp.
- Do not use for swimming pools.
- Do not use externally.
- Do not apply onto walls affected by penetrating damp.
- Do not apply when the room temperature is below +5 °C or likely to be that low up to 24 hours after fixing.

As the manufacturer cannot know all the uses their products may be put to, it is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services for further 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

SURFACE PREPARATION

- Surfaces to be tiled must be clean, dry, sound and free from dust, dirt and grease.
- 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 for 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.

APPLICATION

- Apply at a depth of 3-6 mm (no less than 3 mm, no greater than 6 mm) combing out an area no greater than 1 m² at a time.
- 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.
- Use a 3 mm x 3 mm notch at 6 mm centres for mosaics and thin flat-backed wall tiling.
- Use a 5 mm x 5 mm notch at 10 mm centres for general wall tiling.
- 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.
- Repositioning time after initial fixing is 20 minutes.
- Open time of the exposed adhesive bed is <30 minutes at 20 °C.
- All surplus adhesive must be removed whilst adhesive is still wet using a dampened cloth or sponge, particularly along grout lines.

CLEANING OF TOOLS

Clean tools in water after use. Wash hands with warm water and soap after use.

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
SikaCeram® Ready Mixed Tile Adhesive
October 2026, Version 01.01
02171020000265764

SikaCeramReadyMixedTileAdhesive-en-GB-(10-2026)-1-1.pdf

