

PRODUCT DATA SHEET

SikaCeram® Ready Mixed Waterproof Tile Adhesive +

A non-slip waterproof acrylic based tile adhesive

PRODUCT DESCRIPTION

SikaCeram® Ready Mixed Waterproof Adhesive+ is a premium acrylic based formula which provides extra slip and water resistance. Designed to be used in areas subject to prolonged or permanent wet conditions and in areas of high humidity and condensation.

USES

- Designed for use on walls in bathrooms, kitchens and power shower areas.
- Areas that are subject to prolonged water contact.
- 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

- Excellent water resistance.
- Easy to apply.
- Ready mixed formula - no mixing, no mess. Apply straight from the tub.
- Excellent non slip characteristics.
- High bond strength

APPROVALS / STANDARDS

Conforms to BS EN 12004 – Class D2T.

PRODUCT INFORMATION

Chemical Base	Acrylic
Packaging	7.5 kg and 16 kg tubs
Appearance / Colour	Thick buff paste, dries off-white
Shelf Life	12 months from date of manufacture in original unopened containers.
Storage Conditions	Store in moderate (+5 °C to +30 °C) dry conditions. Protect from frost.

Density	Approx. 1.7 g/cm ³
Shear Strength	12 kN (typical wet shear)
Service Temperature	-30 °C to +100 °C once cured.
Consumption	Approximately 1.7 kg/m ² .
Layer Thickness	3 - 6 mm
Ambient Air Temperature	+5 °C to +35 °C
Open Time	30 - 40 mins @+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 on walls. Do not use on floors.
- Do not use for swimming pools.
- Do not use externally.
- 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 apply onto walls affected by penetrating damp.
- Do not apply when the room temperature is below +5 °C or likely to be that low in the 24 hours after fixing.

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 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.

- Plasterboard / Plywood / Chipboard - Must be braced with seasoned timber at 300 mm vertically 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 METHOD / TOOLS

- Apply SikaCeram® Ready Mixed Waterproof Tile Adhesive+ to wall at a depth of 3-6 mm combing out an area no greater than 1 m² at a time.
- In dry situations, use a suitable notched trowel (5 mm x 5 mm at 10 - 25 mm centres) 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.
- Repositioning time after is 10 minutes after initial fixing.
- Open time of the exposed adhesive bed is approximately 20 minutes @ +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 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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