

## PRODUCT DATA SHEET

# Sika® Waterproof Wall Tile Adhesive

Ready mixed adhesive paste for securing ceramic tiles and mosaics to most interior walls

### PRODUCT DESCRIPTION

Sika® Waterproof Wall Tile Adhesive is a ready mixed off white adhesive paste for securing ceramic wall tiles and mosaics to most interior wall surfaces. Ideal for use in interior wet areas. The product is a blend of limestone fillers, clays and styrene acrylate polymers with minor additives.

### USES

- Kitchen/Bathroom walls.
- Shower areas when used in conjunction with SIKA WALL TILE GROUT.
- Communal and power showers.
- Work tops subject to water contact.

### PRODUCT INFORMATION

<b>Packaging</b>	15kg pail
<b>Appearance / Colour</b>	Thick buff paste (dries off-white)
<b>Shelf Life</b>	12 months when stored according to manufacturer's instructions.
<b>Storage Conditions</b>	Store at moderate (5-30°C) temperatures. PROTECT FROM FROST
<b>Density</b>	1.7 g/cm <sup>3</sup> (approx)
<b>Thermal Resistance</b>	-30 to 100°C once cured
<b>Yield</b>	0.6m <sup>2</sup> /kg for wet areas and 0.9m <sup>2</sup> /kg for dry areas.
<b>Layer Thickness</b>	3-6mm
<b>Ambient Air Temperature</b>	5°C to 35°C
<b>Open Time</b>	30 - 40 mins @20°C
<b>Curing Time</b>	24-72 hours (depending on substrate).

### CHARACTERISTICS / ADVANTAGES

- Excellent water resistance.
- Ready mixed formula - no mixing, no mess. Apply straight from the tub.
- Easier to apply than most competitive adhesives.
- Excellent non slip characteristics - no movement on a 300 x 200 standard large format wall tile.
- Extended open time.

### APPROVALS / STANDARDS

Tested to EN12004 Type D2T

# APPLICATION INSTRUCTIONS

## SUBSTRATE QUALITY / PRE-TREATMENT

### PLASTER

New plaster must be a minimum of 4 weeks old before tiling. Tile onto finishing coat only. Prime with SIKABOND PVA+ diluted 1:3 with water.

### PLASTERBOARD/PLYWOOD/CHIPBOARD

Must be braced with seasoned timber at 300mm vertically and horizontally. Use moisture resistant grades. All surfaces and edges must be sealed with SIKABOND SBR+ diluted 1:4 with water.

### SAND/CEMENT RENDER

Allow at least four weeks drying before tiling. Use a mix design of 3 to 4 parts sand to 1 part cement. Prime with SIKABOND PVA+.

### BRICKWORK/BLOCKWORK/CONCRETE BLOCK

Allow at least 4 weeks drying time before rendering or plastering. Do not fix directly to blockwork.

### EXISTING GLAZED TILES/FORMICA

Roughen surfaces with abrasive sander and prime with SIKABOND PVA+ 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 PVA+ Mix 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

Surfaces to be tiled must be clean and dry. Porous surfaces, including plaster, must be primed with SIKABOND PVA+ diluted 1 to 3 with water and allowed to dry before tiling. Allow new plaster to dry at least one month before tiling. Apply adhesive to wall at a depth of 3-6mm (no less than 3mm, no greater than 6mm) combing out an area of no greater than 1m<sup>2</sup> 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. 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.

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# LIMITATIONS

- Unsuitable for floors.
- Do not use for swimming pools. Use SIKACERAM RAPID SET TILE ADHESIVE
- Do not use externally. Use SIKACERAM RAPID SET TILE ADHESIVE

## VALUE BASE

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 exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

## 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

Sika® Waterproof  
Wall Tile Adhesive  
April 2018, Version  
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