PRODUCT DATA SHEET

Sika® Rapid Set Floor&WallTile Adhesive

FAST-SETTING, WATER-RESISTANT TILE ADHESIVE FOR INTERIOR AND EXTERIOR USE

PRODUCT DESCRIPTION

Sika® Rapid Set Floor&WallTile Adhesive is a specially formulated fast-setting thick or thin bed water-resistant cementitious adhesive for fixing ceramic tiles to walls or floors. Ideal for same day fixing of ceramic and mosaic tiles, enabling tiles to be grouted approximately 3 hours after fixing (subject to normal room temperatures). Can be used internally or externally, and is particularly recommended for bathrooms, kitchens, domestic showers, etc which are subject to occasional wetting but not total immersion.

USES

- For interior and exterior use
- For fixing ceramic tiles to floors and walls
- Suitable for application on cement or concrete substrates, building blocks, brickwork, etc

CHARACTERISTICS / ADVANTAGES

- Rapid setting – grout in just 3 hours
- High bonding strength
- Improved slip resistance
- Water-resistant, ideal for bathrooms and kitchens

APPROVALS / STANDARDS

Conforms to BS EN 12004 C1FT

PRODUCT INFORMATION

Packaging	20kg bag
Appearance / Colour	Grey powder
Shelf Life	6 months from date of manufacture if stored correctly.
Storage Conditions	Store unopened in original packaging, off the ground at 5°C - 25°C in dry conditions.

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥0.5mm^2
Slip Resistance	≤0.5mm

SYSTEM INFORMATION

Mixing Ratio	4.4L water to 20kg bag 4.5 parts powder to 1 part water by weight

Yield	ca. 1.8m²/kg per mm thickness
Pot Life	ca. 30 minutes at 20°C
Open Time	ca. 20 minutes at 20°C
Curing Time	ca 2 to 3 hours at 20°C

MIXING

Sika® Rapid Set Floor&WallTile Adhesive should be added to clean water at the above stated mixing ratio. Continually mix the powder with a mechanical stirrer to form a soft, slump-free, easily workable mortar. Always add powder to water.

APPLICATION

- Using a large notched trowel spread the adhesive evenly onto the substrate at a depth of approximately 5mm (for tiles) or 3mm (for mosaics) producing a ribbed bed on the surface.
- Work in an area no greater than 1m² or equivalent to 20 minutes working time.
- Press the tiles firmly into place using a slight twisting action.
- Tile positions can be adjusted up to 20 minutes after initial fixing.
- Leave a grout joint of at least 3mm, unless self-spacing tiles are used.
- Surface adhesive should be cleaned from the faces of the tiles with a moist cloth. Rake excessive adhesive from within joints before setting takes place.
- The open time of the exposed adhesive bed is approx. 20-30 minutes depending on surface porosity and site conditions.
- Final set will occur between 2-3 hours. It is important the tiles are left undisturbed for a minimum of 2 hours after fixing at normal room temperatures.
- Do not use at temperatures below 5˚C.

CLEANING OF TOOLS

All equipment should be cleaned with water immediately after use.

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 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.

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