

PRODUCT DATA SHEET

Sika® Tilofix

READY TO USE TILE ADHESIVE FOR FIXING WALL AND FLOOR TILES

DESCRIPTION

Ready to use grey cement based non-shrink, self curing tile adhesive for fixing tile on wall and floor.

USES

Fixing ceramic tiles on floor and wall surfaces.

CHARACTERISTICS / ADVANTAGES

- Ready to use, only water to be added.
- Contains special chemicals to obtained non-shrink and excellent adhesion properties.
- Better bond than conventional cement based mortar.
- Fast setting and quick strength development
- Self curing
- Good mechanical strength
- Suitable for fixing Ceramic tiles on wall and floor

PRODUCT INFORMATION

Packaging	30kg bag
Shelf Life	12 months from date of manufacturing if stored properly in original, unopened and undamaged sealed pack.
Storage Conditions	To be stored properly in dry conditions and not under direct sunlight
Density	~ 1.4 kg/l (at +27 ⁰ C)
Shear Adhesion	Type 1 Adhesive (as per IS 15477 Standard)
Mixing Ratio	Water : Powder = 0.22 to 0.24 by weight (6.6 L to 7.2 L water per 30kg bag)
Consumption	~2.5-3 kg powder required / Sqm for 3mm average thickness. ~100-120 Sq ft is covered by a bag of 30kg for 3mm thickness depending on the substrate level.
Layer Thickness	3mm minimum
Ambient Air Temperature	+5°C min. / +45°C max.
Substrate Temperature	+5°C min. / +45°C max.

SUBSTRATE QUALITY / PRE-TREATMENT

Pre-wetting of substrate is essential with maximum saturation of water but saturated surface dry (S.S.D) condition.

The substrate must be structurally sound, laitance free, clean and free from dirt, oil, grease, other contaminants and loose or friable particles.

MIXING

Sika® Tilofix must be mechanically mixed using a forced action mixer or in a clean container using a drill and mixing paddle (< 500 rpm). A normal concrete mixer is not suitable.

Mix thoroughly with clean water for a minimum of 3 minutes.

Leave material to stand in container until the majority of bubbles have dispersed (minimum 5 minutes). Then remix the material for 15 seconds - the product is now ready for use.

APPLICATION

If the substrate is very porous, if the temperature is high and/or the relative humidity is low, it is advisable to dampen the surface. Do not leave any standing water. If necessary the substrate must be levelled prior to application. If the level is still not good enough, suitable levelling mortar must be used.

Mix thoroughly with clean water as per above mixing guideline.

Sika® Tilofix is applied using a notched trowel onto the substrate. Choose the trowel that will give the right coverage to the back of the tile.

As a guide : For ceramic tiles, use a notched trowel to obtain a minimum 3mm average thickness. Place tiles within 10 minutes of mixing and press firmly with twisting movement. Uneven surface may require more than 3mm thickness. Use damp cloth to remove excess paste from the tile surface. Tile joints may be filled by Cement base Tilogrout / Epoxy Tilogrout. Do not disturb tiles setting for first 24 hours.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically.

BASIS OF PRODUCT DATA

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.

LOCAL RESTRICTIONS

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

ECOLOGY, HEALTH AND SAFETY

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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