

THERMAGROUT

Heat Reflective Water Proof Tile Joint Grout (Unsanded)

Technical Data Sheet

Advanced Geopolymer Based – Contains No Portland Cement

THERMAGROUT is an un-sanded tile joint grout which is a pre blended mixture of inorganic polymers, natural minerals and selective pigments to impart a completely watertight joint apart from providing hard, uniformly colored, abrasion, mild acids and detergents resistant joints with greater adhesion and compression strength. It is a single component powder that is water activated.

UNIQUE FEATURES & BENEFITS

- Ideally suited for roof and bathrooms
- Quick setting with high early strength (Walkable after 2 hours)
- Highly impermeable to water
- Mold or mildew resistant
- Very high bond strength
- No curing required
- Interior or exterior use
- Eco Friendly. Contains portland cement or organic resins

TECHNICAL DATA

Colour	White & Grey
Working Time	10 Minutes at 30°C
Setting Time	15 Minutes at 30°C
Compressive Strength	2 Hrs : 15 MPa, 24 Hrs : 25 MPa, 28 days : 40 MPa
Flexural Strength	4-5 MPa
Water Absorption	<2.0%
Wet Density	2.0 g/cm ³
Coverage	Approx. 5 m length @ 2mm wide and 10 mm depth joint / kg

*Set time will be shortened at higher temperature site conditions and will be delayed at lower temperature site conditions



SURFACE PREPARATION

Joints to receive THERMAGROUT should be clean and free from unsound materials, dust, oil, grease and other contaminants to ensure the adhesion properties. Before commencing THERMAGROUT grouting, ensure the tile adhesive is sufficiently cured. Make sure that the tile surfaces are wetted by water chocked sponge for a width of 1" on both side to reduce surface temperature to avoid rapid setting of spillages / excess grout and for easier cleaning of the same.

Quicker ...

Stronger ...

Greener ...

MIXING GUIDELINE (at 30°C)

250g of THERMAGROUT should be added to about 70 ml of clean water and mixed properly to a thick creamy consistency. Initially the mix may appear dry but do not add more water than specified. As the binder components dissolve it will form pourable slurry.

Above mixing times are based on using 20° c to 27°c temperature mixing water. During usage of higher temperature water for mixing, the mixing time to be shortened appropriately. The above mixing times are indicative only. Where mixing time is critical a trial mix is recommended.

APPLICATION

Apply the grout to the joints with a grouting trowel, squeegee or sponge, ensuring that the joints are completely filled. Compact the grout in the joints and clean off excess with a damp cloth or sponge as the grouting proceeds. Allow the grout to harden sufficiently to prevent removal from the joints when cleaning.

POST CLEANING

At most care shall be taken to wipe off the excess material left on the joint / spillages on tiles immediately as THERMAGROUT is basically a new generation quick setting grout material.

PACKING

25Kg Bag (Contains 100 Nos. x 250 grams Sachets)

SAFETY

The use of dust mask, safety goggles and gloves is recommended.

STORAGE LIFE

THERMAGROUT has a shelf life of 13 months from the date of manufacturing if stored in unopened original packing, under shade in dry and frost free conditions.

USES

For grouting of

- Floor tiles, ceramic tiles, cement tiles etc
- Terrace tiles and bathroom tiles

DISCLAIMER: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty" The manufacturer is not responsible for any loss or damage arising from incorrect usage" Specifications are subjected to change without notice"



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