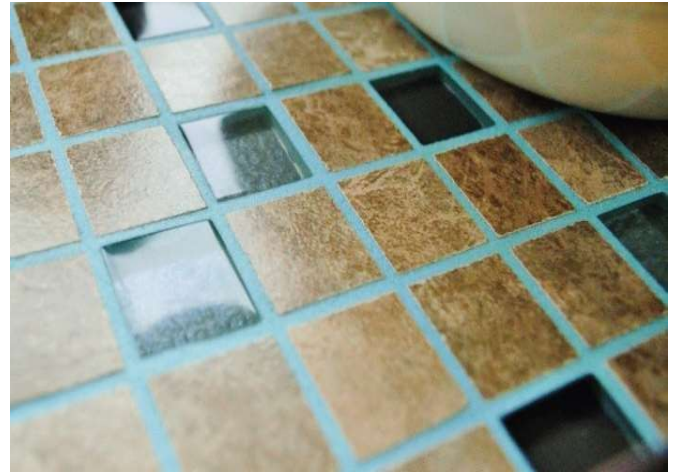


Tile Adhesive Grout

ST-TAG

Tiling and Grouting material complying to C1 Class of BS EN 12004 and CG1 Class of BS EN 13888 for mosaic or small size ceramic tiles for both interior and exterior wall.



PRODUCT DESCRIPTION

ST-TAG is a proprietary single component polymer modified cementitious product specially designed for completing tile fixing and grouting in one step for mosaic tiles or small size ceramic tiles. Product characteristics of ST-TAG fully comply with the requirement of BS EN 12004 Type C Class 1 (Normal cementitious adhesive C1 grade) and the requirement of BS EN 13888 for tile grout. ST-TAG has excellent effect in preventing efflorescence. Best result for combating efflorescence can be achieved by employing Score Tech's render/plaster and tile grout products in the entire system. ST-TAG therefore provides superior assurance to applicators with its excellent quality, durability and on-site performance.

SUBSTRATE PREPARATION

The substrate must be sound, even, well-aligned, clean and free of loose particles, grease and any other unwanted contaminants which may affect the adhesion of ST-TAG. For highly absorptive substrate e.g. gypsum plaster, primer such as Score Tech Supreme Primer (ST-SP) must be applied. Score Tech's staff should be consulted for further recommendations with respect to the substrate condition.

FEATURES & BENEFITS

- ◆ Premixed in factory
- ◆ Strong adhesion to substrate
- ◆ Suitable for both interior & exterior use
- ◆ Sustainable to seasonal cycles
- ◆ Ample open time for application
- ◆ Capable of finishing tiling and grouting in one step
- ◆ Complies with both BS EN standards for tile adhesive and tile grout
- ◆ Extremely low shrinkage
- ◆ Anti-efflorescence

AREAS OF APPLICATION

- ◆ Fixing mosaic tiles and ceramic tiles of the size 2" X 4" or smaller under exterior or interior environment.
- ◆ Tiling on various types of cementitious based substrates.
- ◆ Tiling works for swimming pools or water tanks.
- ◆ When tiling on highly absorptive substrates such as gypsum board, cement board, dry wall panels, etc., it is recommended to prime the substrate surface with Score Tech Supreme Primer (ST-SP) before commencement.
- ◆ Able to fix tiles on cementitious based waterproofing materials such as Score Tech Waterproofing Series.

MIXING & INSTALLATION

1. Moisten the substrate surface with clean water and allow surplus water to drain away before applying ST-TAG.
2. Mix ST-TAG dry powder with the recommended water quantity using mechanical mixer for 5-7 minutes until a lump-free homogeneous paste is achieved. Allow the well-mixed ST-TAG to stand for 10 minutes and mix again gently for 30 seconds before use.
3. Apply the well mixed ST-TAG with a steel trowel directly onto the substrate with the required thickness over the area for tiling. The open time of the tile adhesive may vary at different weather conditions. Absorptive substrate will also reduce the open time of ST-TAG. Butter a thin coating of adhesive grout over the back of tile by a rubber or sponge trowel to fill up the tile joints. Force and compact ST-TAG deeply into the joints as much as possible. Press the grouted tiles on to the area applied with ST-TAG by maximum force and knock the tile into position. Dampen the paper on tiles and remove it around 10 to 15 minutes after fixing. Refill ST-TAG into unfilled gaps on tiles and clean up the surface afterwards.

CURING

Under normal circumstances, natural air curing for ST-TAG is proven to be adequate.

PACKAGE

25 kg bag

SHELF LIFE

ST-TAG has a shelf life of 12 months if well kept in dry condition on lifted floor.

HEALTH & SAFETY

Wear NIOSH approved face mask or equivalent personal protective equipment when handling the material. ST-TAG contains cement which may cause an allergic effect or irritation to eyes and skin. When contact with eyes, flush immediately with large quantity of water.

REFERENCE STANDARDS

- ◆ European Standard: BS EN 12004, BS EN 13888;
- ◆ British Standard: BS 5980;
- ◆ Hong Kong Standard: HKHA FIN5.M1010;
- ◆ American Standard: ANSI A118.6

TECHNICAL DATA

 Colour	Subjected to customer's requirement
 Initial Tensile Adhesion Strength	≥ 0.5 N/mm ²
 Tensile Adhesion Strength after Water Immersion	≥ 0.5 N/mm ²
 Tensile Adhesion Strength after Heat Ageing	≥ 0.5 N/mm ²
 Tensile Adhesion Strength after Freeze-thaw Cycles	≥ 0.5 N/mm ²
 Open Time: not less than 20 minutes	≥ 0.5 N/mm ²
 Linear Shrinkage	< 0.1% at 1 day < 0.2% at 7 days
 Water Absorption	< 5% at 50% R.H. to immersion < 7% at immersion to dry
 Resistance to Mould Growth	No mould growth
 Water Demand	~ 7 - 8L/25 kg bag
 Pot Life	~ 2 hours

DISCLAIMER

Note: As the application condition may vary from site to site and may not be identical to the same condition under which the parameters in the brochure are drawn, the information provided on this Technical Data Sheet is for general guidance only. Warranty will not be given to the ultimate performance and application results of this material when the material is not kept, mixed, applied or cured strictly in accordance with the requirements and/or instructions listed out in this brochure or in other supplementary document.

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