



STONE TILE FIXIT

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GTF-65

TECHNICAL DATA SHEET

Compliance

C2TES1-EN 12004

TYPE 4TS1 IS 15477

Highly
Polymer
Modified

Superior
Bond
Strength

Highly
Flexible

Premium Quality, Highly Polymer Modified
Adhesive for Stone & Tiles Cladding

GTF-65

GTF-65 is a blended polymer modified cement-based powder tile/stone adhesive with excellent bond strength, enhanced properties of slip resistant, extended open time. It gives excellent bonding for fixing large format tiles & other natural stones in horizontal as well as vertical surfaces. GTF-65 has an excellent waterproofing ability also.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- Surface shall be free from other substances like oil, grease, dust, oil, paint etc.
- Ensure no any other particles over the surface where tiling to be done.
- All surface must be leveled for less consumption & achieve good courage.
- Dusty surface shall be dampened with water for good adhesion.

MIXING

- Add 3 part of powder to 1 part of water in required container.
- Mix it well with low revolution mixture drill machine until the homogeneous paste is obtained.
- Water can be adjusted during mixing to get proper smoothness of mixture.
- Leave the mixture for 3 to 5 minutes after mixing.

APPLICATION

- Apply the adhesive on the surface where tiling shall be done.
- Spread the adhesive with notched trowel.
- Apply the adhesive on tiles & spread thoroughly on entire surface.
- Clean the tiles before applying adhesive.
- Fix the tile on appropriate surface.
- Tiles must be fixed within 10-15 minutes.
- Press the tiles firmly into position with a slight twisting action for proper spreading of adhesive. If required use rubber mallet to adjust level.
- Remove additional adhesive from the tiles face and between joints.
- Clean the tiles with cotton waste in next 30 minutes.
- Avoid foot traffic at least for 24 hours.
- Carry out grouting after 24 hours.



PRODUCT DATA

Appearance	Gray / White
Form	Powder
Bulk Density	1.3 – 1.5 gm/cc
Mixing ratio	1:3 (water: powder)
Pot life	Minimum 120 minutes
Open time	Minimum 45 minutes
Setting time	24 hours
Adhesive Thk	3-12 mm

COVERAGE

- Approximately 1.5 to 2 sqft per 1 kg adhesive.
- Coverage can be varied from place to place because of surface levelness & flatness.
- Ensure proper level/flatness of surface for better coverage.

AREA OF APPLICATION

- Elevation tiles & stones
- Lift Area & Entry Foyer
- Big size tiles & stones in vertical surface
- Garden Areas & walkways
- Balconies & terrace area

MATERIAL CAN BE FIXED

- Engineered stones & Composite stones
- All type of natural stones like granite, marble, kota stones etc.
- Full body vitrified tiles
- Glass mosaic tiles
- Heavy duty large format tiles

Surface to be cleaned & roughened before installation of tiles

PACKING

20 Kg Double Layered Bopp Bags

SHELF LIFE

12 Months From The Month of Manufacturing

PRECAUTIONS & LIMITATIONS

- Strictly not recommended for the direct use on decorative laminates, plastic, plywood, wood, metal & painted area.
- Rectify undulations from the existing floors and walls.

TECHNICAL PERFORMANCE

ACCORDING TO EN12004

Testing Properties	Requirement	Test Values
Open Time @45 minutes	$\geq 0.5 \text{ N/mm}^2$	0.70 to 0.90 N/mm ²
Tensile adhesion at dry condition	$\geq 1 \text{ N/mm}^2$	1.5 to 1.9 N/mm ²
Tensile adhesion after water immersion	$\geq 1 \text{ N/mm}^2$	1.2 to 1.3 N/mm ²
Tensile adhesion after heat ageing	$\geq 1 \text{ N/mm}^2$	1.3 to 1.6 N/mm ²
Tensile adhesion after freeze/thaw cycle	$\geq 1 \text{ N/mm}^2$	1.1 to 1.3 N/mm ²
Slip Resistance (T)	$\leq 0.5 \text{ mm}$	0.3 to 0.5 mm

ACCORDING TO IS 15477:2019

Testing Properties	Requirement	Test Values
Tensile adhesion at dry condition	$\geq 1.50 \text{ N/mm}^2$	1.7 to 2.10 N/mm ²
Tensile adhesion at wet condition	$\geq 1.00 \text{ N/mm}^2$	1.1 to 1.4 N/mm ²
Shear Adhesion at dry condition	$\geq 1.5 \text{ N/mm}^2$	1.7 to 2.2 N/mm ²
Shear adhesion after heat ageing	$\geq 1 \text{ N/mm}^2$	1.4 to 1.8 N/mm ²
Shear adhesion at wet condition	$\geq 1 \text{ N/mm}^2$	1.2 to 1.4 N/mm ²
Slip Resistance (T)	$\leq 0.5 \text{ mm}$	0.3 to 0.5 mm
Deformation	$\geq 2.5 \text{ mm}, < 5 \text{ mm}$	3.8 mm

Note: Test results are indicative as per testing method specified in standard. Test results may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation methods and site conditions.

ADVANTAGES

- Excellent Adhesion & Low Shrinkage
- Flexible to accommodate physical & thermal movements
- Easy to use, just mix with water & apply
- Soaking of tiles is not required
- No need curing, no need hacking
- Excellent Workability
- Suitable for commercial application
- Long open time – suitable for large format tiles

SAFETY PRECAUTIONS

- Keep out of reach from Childrens.
- Wear suitable eye protection & gloves.
- In case of contact with eye, rinse immediately with water and seek medical services.



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BUILD-TECH CONSTRUCTION SOLUTIONS

51, Karmeshwar Society, Near Punagam BRTS Junction, Canal Road, Surat - 395010.



buildtechfix@gmail.com



www.tech-fix.in



+91 95868 24260