



Dr. Fixit Stone Tile Adhesive (STA)

HEAVY DUTY TILE & STONE FIXING ADHESIVE FOR VERTICAL CLADDING APPLICATIONS

Description

Dr. Fixit Stone Tile Adhesive is specially designed for heavy duty applications like granite, heavy stones on internal/external vertical surfaces. Roff Stone Tile Adhesive is suitable for fixing Ceramic, Glazed surfaces, Natural Stones etc. on a new substrate.

Standard Compliance/ Specification

Confirms to IS:15477-2004 (Type - II)

Areas of Application

For heavy duty vertical cladding like natural stones & large format tiles on internal/ external applications..

Features & Benefits

- Ready to use, needs only mixing with water
- Excellent adhesion, low shrinkage
- Excellent waterproofing characteristics
- Suitable for indoor and outdoor use
- Sufficiently flexible to accommodate thermal & physical movements
- Needs no curing and soaking of substrate or tile
- Needs no hacking or mechanical key on the surface
- Slip resistant

Packaging

25 Kg

Method of Application

- The surface to be tiled should be clean and sound. Old surfaces must be free from wax, grease, polish, etc.
- The surface to be tiled should be sound and thoroughly cleaned. Old surface should be free from wax, grease, polish etc.
- Pour one 25 kg bag in approx. 6.75 - 7.25 litres of clean water. At site, addition of water shall be adjusted to attain desired consistency. Do not put water into the powder. Mix with a trowel / slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within the prescribed pot life adopting the mixing proportion mentioned above.
- Leave the mixture for 5 min. before using.
- Spread the adhesive to a required thickness and comb with a suitable notched trowel. Strictly apply the adhesive paste which can be tiled with in 10 to 15 mins.
- Intermittently touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers then continue tiling and if not scrape off the adhesive and apply new coat.
- Start placing the tiles on the surface to be tiled. Tap the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids.
- Keep joints between two-tiles using tile spacers.
- Allow tiling to set for 24 hours and start filling joints next day with Dr. Fixit Tile Grout.
- Use mechanical clamps for holding the heavy stones in positions on vertical surface.



Technical Information (Typical properties at 27 ± 2°C)

PROPERTIES	RESULTS
Base	Polymer modified cementitious material
Appearance	Cement Grey Powder
Mix Ratio (Powder : Water)	3.5 : 1 (parts by weight)
Open time	Approx. 10 - 20 minutes
Pot life	Approx. 60 -90 minutes
Coverage	6.5 - 7.0 sqm / 25 kg bag at 3 mm thickness 3 - 3.5 sqm / 25 kg bag at 6 mm thickness
Adjustability	15 - 25 mins.
Shear Adhesion Strength (kN)	IS 15477 : 2004 for Type 2 a) At 24 hrs. in normal drying condition - ≥ 4 kN b) At 14 days in normal drying condition - ≥ 10 kN c) At 14 days heat ageing condition - ≥ 5 kN d) At 14 days wet condition - ≥ 5 kN
Sag Test ,BS EN 12004-2	No Sag
Tensile Adhesion Strength (14 days - Air Dry)	≥ 0.85 N/mm ²
Set to foot traffic	24 hrs (min.)
Curing time	14 days
VOC (gms/Litre)	< 1.0 g/L
Temperature Resistance	4°C to 45°C

Precautions & Limitations

- Heavy tiles must be supported by mechanical clamps while fixing on the vertical surface
- Always add powder to water and not water to powder
- Do not add more water than recommended
- Do not add sand or cement at site
- Before doing tile-on-tile application, ensure that the original tiling surface in sound condition.
- Strictly not recommended for the direct use on gypsum plaster, paint, wood & metal.
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Shelf Life

12 months in pack sealed condition and stored in damp proof conditions.

Storage

Store in cool and dry place.



Other Products Categories available

Dr. Fikit brings you the widest range of Construction Chemicals



Pidilite East Africa Limited.

PO Box no. 18092-00500
Athi River, Nairobi, Kenya

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