

T03 Stone Tile Adhesive (STA)



HEAVY DUTY TILE FIXING ADHESIVE FOR VERTICAL CLADDING APPLICATIONS

Description

Roff Stone Tile Adhesive is a blended powder polymer modified cement based tile adhesive specially designed for heavy duty tile applications like granite, mosaic on internal/external vertical surfaces. This highly flexible adhesive has an excellent waterproofing ability also. Roff Stone Tile Adhesive is suitable for fixing Ceramic, Glazed surfaces, Natural Stones, etc., on a new substrate.

Areas of Application

For heavy duty vertical cladding like natural stones & large format tiles on internal/external applications and tile on tile applications as well as the swimming pool tiling 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

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.
- Add 3 - 3.5 parts of Roff STA powder to 1 part of 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 Roff Rainbow Tile Mate.
- Use mechanical clamps for holding the heavy stones in positions on vertical surface.

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 is in sound condition.
- Strictly not recommended for the direct use on gypsum plaster, paint, wood & metal. Consult Technical Dept., CC Division of Pidilite Industries Ltd.

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Technical Information

Base	:	Polymer modified cementitious material
Appearance	:	Cement Grey Powder
Mix ratio	:	Approx. 3 - 3.5 : 1 (by vol.)
Open time	:	Approx. 10 - 15 minutes at 30°C
Pot life	:	Approx. 60 -90 minutes at 30°C
Coverage	:	5 - 5.5 Sq. mtr. / 25 Kg bag at 3 mm thickness 2 - 2.5 Sq. mtr. / 25 Kg bag at 6mm thickness
Trafficable time	:	24 hrs (max.)
Curing time	:	14 days at 30°C
Shelf Life	:	12 months in pack sealed condition and stored in damproof conditions.

Packaging

25 Kg & 50 Kg



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