

MAXTITE[®] MP

Multipurpose Polymer Modified Grey Tile Adhesive



MAXTITE[®] MP is a single component, polymer modified cement based grey coloured powder for exterior and specialised applications.

Uses

MAXTITE[®] MP tile adhesive is a high quality adhesive used for the permanent fixing of tiles over smooth surfaces such as existing tiles, ceramic tiles or glass, subjected to damp and tropical conditions and for specialized applications such as tile on tile etc. Not recommended for use on gypsum plaster, paint or metal.

Benefits

- Polymer modified - Pre-wetting of tiles not required and hence less prone to cracking of mortar.
- Single component - Ease of application.
- Non-toxic - User friendly application.
- Excellent adhesion on smooth surfaces.
- Develops non shrink - excellent bond with the substrate.
- Open wet time of 2 hours at 30°C.
- Allows the mason to fix tiles at ease even under hot conditions.
- Self-cure - Does not require external curing.
- Forms a dense and impermeable mortar bed - waterproof.

Technical Support

The company provides a technical advisory service supported by a team of specialists in the field.

Properties

Mixed Density	1.8-1.98 gm/cc
Open Time	Approx. 2 hrs*
Setting Time	Initial 12 hrs
	Final 24 hrs
Adhesion Bond Strength on Tile @ 28 days	>1 N/mm ²
Compressive Strength (N/mm²)	9 at 3 days
	16 at 7 days
	25 at 28 days
Water Powder Ratio	0.20-0.23

*Dependant on ambient temperature.

Instructions for Use

Surface Preparation

All surfaces must be sound and thoroughly clean before MAXTITE[®] MP is applied. All traces of grease or oil must be removed with suitable degreaser. All loose particles of mortar, old wallpaper, paint etc., must be physically removed. In case of cementitious surfaces, the areas of application must be thoroughly wetted with water to obtain saturated surface dry condition. In case of smooth surfaces, pre-wetting of substrate with water is not essential.

Mixing

MAXTITE[®] MP should be mixed with water in the ratio of 3.5:1 by volume or 5:1 by weight. While mixing, add powder to the water to avoid lump formation. A slow speed drill fitted with a suitable mixing paddle is recommended for mixing. Hand mixing may also be resorted to if small quantities are mixed.

Special Instructions

For the use of MAXTITE[®] MP on challenging surfaces such as vibration prone areas like door and window frames, other exterior surfaces, Mivan concrete, at heights up to 3 metres for fixing dense stones and synthetic tiles, and for 'Fixing Large Format Tiles', 2.4 litres (8%) of TM Bond[®] AR per bag of MAXTITE[®] MP is to be added. In such cases, the water quantity can be reduced to meet the required consistency.

Note: Use of chilled water in extreme temperatures will increase open time of MAXTITE[®] MP.

Application

MAXTITE[®] MP is spread on the substrate to a uniform thickness of 2 - 3 mm. This is then combed horizontally with a notched trowel. The tiles are then placed firmly into the adhesive bed ensuring good contact with the mortar by a twisting motion.

Finishing

The excess material shall be removed with a damp cloth before it sets.

MAXTITE[®] MP

Joint grouting with MAXTITE[®] GROUT/ MAXTITE[®] GROUT EP may be commenced 24 hours after tiles have been fixed.

Health & Safety Instructions

MAXTITE[®] MP is cement based and hence alkaline in nature. Care should be taken to avoid inhalation of dust and contact with skin and eyes during use.

Storage

Shelf Life

6 months in unopened bags under normal warehouse conditions. MAXTITE[®] MP must be stored in a cool dry place.

Coverage

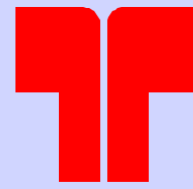
Approximately 3kg of MAXTITE[®] MP is required per m² when uniformly applied at 2 mm thickness. Material consumption will increase if the substrate is not even.

Other Segments:

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives

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