

MAXTITE™ MP

Multipurpose tile adhesive for exterior and specialized applications

MAXTITE MP is a single component, polymer modified cement based grey coloured powder.

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 and tile-on-glass etc.

Benefits

- **Polymer modified**- Prewetting 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
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- Open wet time of 2 hrs at 30OC
- 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.

Standard compliance

MAXTITE MP meets / exceeds the requirements for tensile adhesive strength as per BS 5980-1980, Class, AA A & B.

Properties

Density of the mixed material	: 1.9 -1.95 gm/cc
Pot life	: Approx. 2 hrs
Setting time	: Initial - 13 hrs Final - 2 days

Adhesion bond strength
on tile at 28 days : > 1 N/mm²
Compressive strength

(N/mm²) : 3 days 9
7 days 16
28 days 25

W/P ratio : 0.25

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.

Incase of smooth surfaces , prewetting of substrate with water is not essential.

Mixing

MAXTITE MP should be mixed with water in the ratio of 3 : 1 by volume or 4:1 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. (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 - 3mm. 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.

Joint grouting with MAXTITE MP 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.

Packing

MAXTITE MP is supplied in 30 kg and 5 kg bags.

Coverage

Approximately 3.8 kg of MAXTITE MP is required per sq.m when uniformly applied at 2mm thickness. Material consumption will increase if the substrate is not even.

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