



MEGABOND

High Performance Polymer Modified Tile Adhesive STANDARD- SUPER – ULTRA

Product Description

MEGABOND TILE ADHESIVES are ready mix cement-based high performance polymer modified tile adhesives for internal and external use. MEGABOND TILE ADHESIVES have a strong bonding effect, used for adhering large tiles, or in cases of permanent exposure to high degrees of humidity. It can be used in a damp environment, and is water resistant. MEGABOND TILE ADHESIVES are non-sagging and classified "T" (slip resistant) according to EN12004 for tile adhesives

The addition of the new Low Dust feature allows a dust reduction by 90% during pouring and mixing of the product.

*The Low Dust effect will lead to: Cleaner working sites, Easier and quicker renovation.

Advantages

- Specially formulated polymer modified tile mortar/ adhesive
- Provides excellent bonding between tile & substrates High softness allows user to get maximum adhesives spreading effortlessly.
- Possible to apply even in dry substrate.
- Thin-set tile mortar to install more tiles with lowest adhesive thickness.
- High polymer content provide stronger, failure resistant bond for porcelain tiles.
- Smooth and creamy consistency make application convenient.
- Manufactured with European standard
- Mix only with water.
- Quick and Easy to use.

Features	Tile Adhesive STANDARD	Tile adhesive SUPER	Tile adhesive ULTRA
Max tile size	2ft x 2ft	6ft x 3ft	10ft x 4ft
Surface	New Floors	New & Existing Floors	New & Existing Floors
Ready to use floors in	24hours	24hours	24hours
Use	Internal	Internal/ External	Internal/ External
Walls & Floors	Yes	Yes	Yes
Swimming Pools	No	No	Yes
Tile on Tile	No	Yes	Yes
Terra cotta	Yes	Yes	Yes
Tiles Porcelain/Ceramic	Yes	Yes	Yes
Granite		Yes	Yes
Vitrified Tiles		Yes	Yes
Glass/ Marble		No	Yes
Engineering stones/ Quarts		No	Yes
Area Per 25kg Packaging	50 Sq.ft /25kg @ 3mm thickness	25 Sq.ft /25kg @ 6 mm thickness	25 Sq.ft/25kg @ 6 mm thickness

The information in this document is given to the best of Megakem Pvt Ltd knowledge, based on laboratory testing and practical experience. Megakem's products are considered as semi-finished goods and as such, products are often used under conditions beyond Megakem control. Megakem cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Megakem reserves the right to change the given data without further notice. Users should always consult Megakem for specific guidance on the general suitability of this product for their needs and specific application practices.



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Technical data

Appearance	Grey color
Composition	Portland cement Siliceous sand, polymers
Colour	Grey
Powder density	1.20 ± 0.05
Wet density	1.55 ± 0.05
Pot life	2 hours at 200 C
Wetting capability at 10 min	90 %
Shelf life	24 months
Mixing ratio	7-8 Liters per 25 kg
Coverage	3 to 7 kg /m ²
Service temperature	200 C to 700C

Test / Unit	Test Method	Result
Tensile adhesion strength (N/mm ²)	ISO 13007-2 2010	0.9
Tensile adhesion strength after water immersion (N/mm ²)		0.6
Tensile adhesion strength after Heat immersion (N/mm ²)		0.5
Open Time		
Tensile Adhesion Strength (N/ mm ²)		
5 (Minutes)		0.9
10 (Minutes)		0.8
20 (Minutes)		0.8
30 (Minutes)		0.5

Surface Preparation

Substrates must be clean, sound, dust free and free from all traces of oil and laitance. Traces of mould joints must be levelled. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred.

Product Preparation

The MEGABOND Tile adhesive paste is obtained by mixing a 25 kg bag with 7 to 8 liters of clean cool water (mix half the quantity of water with approx.10 kg), using a suitable mixer. Mix up to 3 minutes, to a uniform, lump-free consistency. Avoid over mixing which could entrap air. Once mixed the working time will depend upon material, ambient and surface conditions.

Application

PRECAUTIONS

Apply MEGABOND TILE ADHESIVES on the substrate by areas of around 1 m² each, which can be tiled within a maximum of 25 minutes from application time. It is recommended to leave a minimum width of 2 mm around the tiles.

Grouting tile joints only be done after 24 hours of set time.

Consumption:

Standard: 6-8 Kg/ M²

Super & Ultra: 8-10 Kg/ M²

Product Mixing Ratio

Approx. mixing ratio is 25 Kg MEGABOND powder to 7-8 Liters water.

Packaging

MEGABOND STD/ SUPER/ ULTRA 25 Kg

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PRODUCT DATA SHEET



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Cleaning of Tools

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

Health & Safety

The product contains cement, sand & polymer powders which, when mixed with water, release alkalis that could be harmful to the skin & eyes. It is recommended to prepare the mixture in a ventilated area with wearing protective gloves, goggles or face mask, dust masks and clothes.

Splashes on the skin should be washed away by cleaning with soap and water.

In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

Revised on May 2024

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Manufactured & Marketed by
MEGAKEM LANKA (PVT) LTD.

Stage 2, Templeburg Industrial Estate, Panagoda, Homagama 10200, Sri Lanka.
T : +94 11 209 8885 M : +94 74 314 9184 E : sales@megakemglobal.com
www.megakemglobal.com