



MA Adhesive

Adhesive for Pro membrane

Pack Size
40 Kgs, 20Kgs & 10Kgs

TDS Technical Data Sheet



Product Description

High polymer modified, grey cement-based tile adhesive suitable for fixing tiles with less than 3% porosity, like vitrified, semi-vitrified tiles and natural stones on walls and floors in interior and exterior situations. The set adhesive is water-resistant and is suitable for use in showers, wet areas, and swimming pools. It is also ideal for renovation (tile-over-tile) for quick & easy installation works. Not recommended for direct use onto gypsum plaster (wall finishes), paint, or metal.

Features

High bond strength. Easy mixing, smooth application & better workability. Water resistant. Enhanced flexibility & adhesion can be obtained with the addition of Carbolink's Cretebond (latex additive).

Suitable Background / Bases

New substrates: Concrete walls & floor, Cement sand screed, Cement sand render. Renovation

works on existing: Unglazed tiles, Hard natural stones (surface should be abraded and cleaned before installation), Glazed tiles (vitrified and ceramic tiles), Mosaic tiles and In-situ mosaic flooring.

Physical Properties (@27 ±2°C)

Bed Thickness: Up to 6 mm (suitable up to 12mm in areas of limited extent). Pot Life: 3 hours.

Setting Time: 24 hours. Temperature Resistance: -30°C to +150°C. VOC Content: 1.12 g/L.

Mixing

Add MA Adhesive to clean water. Mix thoroughly until a lump-free mortar is obtained. A 25 kg bag will require approximately 3.80 - 4.10 liters of water to obtain a slump-free consistency. The adhesive is immediately ready for use and has a pot life of 3 hours. No further water should be added. Where mixing by weight is not possible, volume mixing can be carried out at the site in the ratio of 1:3 (water: powder).

Properties as per IS 15477:2019 @27 ± 2°C

Tensile strength (N/mm ²):	Dry condition: 1.00 (Min requirement) >1.30 (Result) Wet Condition: 1 (Min requirement) >1.10 (Result).
Shear adhesion strength (N/mm ²)	Dry condition: 1.25 (Min requirement) >1.25 (Result) Wet Condition: 1 (Min requirement) >1.10 (Result)
Heat Aging Condition:	1.00 (Min requirement) >1.25 (Result).

Open time in minutes	: As per Mftr (Min requirement) 20 (Result).
Adjustment time in minutes	As per Mftr (Min requirement) 15 (Result).
Slip (less than 0.5mm)	<0.50 (Min requirement) <0.30 (Result).

Properties as per EN 12004: 2017 @23 ± 2°C

Tensile strength (N/mm ²):	Initial: ≥0.5 (Min requirement) >1.0 (Result) After water Immersion: ≥0.5 (Min requirement) >0.7 (Result), After heat aging: ≥0.5 (Min requirement) >0.9 (Result), After freeze-thaw Cycles: ≥0.5 (Min requirement) >0.8 (Result)
Open time	tensile adhesion strength (≥0.5 N/mm ² after not less than 20 min): ≥0.5 (Min requirement)(Result)
Slip (T) (not more than 0.5mm):	≤0.5 (Min requirement) <0.5 (Result).

Coverage Estimates

Approx. 1.30 - 1.40 kg/m²/mm. **Notch Trowel size / Consumption/m² (@ 45° angle of trowel):**
6mm X 6mm: 2.75 - 2.90Kgs, 8mm X 8mm: 3.65 - 3.90Kgs, 12mm X 12mm: 5.45 - 5.85Kgs.

Cleaning

Tools and containers may be cleaned using clean water when the adhesive is still fresh. The hardened adhesive can be removed from tools mechanically.

Storage and Shelf Life

MA Adhesive has a shelf life of 12 months when stored in normal dry conditions.

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Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.