

MADA BASE RENDER

Technical Data Sheet

TDS-RE-R09-Rev1 Mada Base Render - Feb 2023



Product Description

Mada Base Render is a premixed cement-based, polymer fortified render designed for interior and exterior plaster finishing purpose. It provides a weather resistant finish on Gypsum Board, Cement Board, Bricks, Masonry and similar finishing systems with thickness up to 6mm by using trowel.

Suitable Substrates

- Concrete / Masonry
- Concrete Block
- Cement Mortar Bed
- Fiber Cement Sheeting and Gypsum Board

Features

- Indoor and outdoor application
- Shrinkage compensated
- Strong adhesion with substrates and topcoats
- Provide smooth surfaces for texture or paint finishing
- Ready and easy to use just by adding water
- Weather resistant
- Good workability with consistent quality



TECHNICAL DATA SHEET

Manufacturing Standard

- Complies to ASTM C 348, C349 and ASTM C1583
- Complies to ASTM C 897, ASTM C109/CM-01

Packaging/Color

- Packaging: 25 kg Bag
- Color: Grey

Product Characteristics

25 kg bag will approx. cover 2.25 – 2.35 m² with 6 mm thickness using trowel.

*Coverage data are for general guidance. Actual consumption depends upon substrate, application techniques and wastages etc.

Shelf Life

Minimum 12 months when unopened and stored in well controlled area.

Technical Specification

Parameters	
Form	Grey Powder
Bulk Density	1.4 kg/m ³
Working Time	> 30 min
Pot Life	Approx. 50 min
Initial Set	20 min
Compressive Strength (@28 days)	> 4.0 N/mm ²
Flexural Strength (@ 28 days)	> 1.0 N/mm ²
Bond Strength (@ 28 days)	> 0.5 N/mm ²

Handling and Storage

- All surfaces should be between 4°C – 35°C. The substrate must be perfectly sound, clean, and free from grease, oil, dust, loose peeling paint, laitance, concrete sealers or curing compounds.
- Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off. Installation may be made on a damp surface. All slabs must be plumb and true to within 6mm in 3m.

Mixing

Add 25 kg powder to 4.0 – 4.25 liters water and mix with a slow speed mixer to homogenous, smooth trowelable consistency. Adjust consistency if required. Remix and apply with proper sized trowel.

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