

MADA HAND APPLIED RENDER

Technical Data Sheet

TDS-RE-R08-Rev2 Mada Hand Applied Render - 2024



Advantage



Easy & fast
installation



High
adhesion



Low
consumption



Versatility
of usage

Product Description

Mada Hand Applied Render is the go-to product for projects that require versatile thicknesses of Renders within a small area. Hand Applied Renders can be used for thicknesses ranging from 5-30mm.

Field of Application

Mada Hand Applied Render is the best option to use when a surface requires thickness in small areas of renders. Hand Applied Render is primarily used for brick walls, concrete, stable mortar and other concrete structures.



TECHNICAL DATA SHEET

Manufacturing Standards

Mada Hand Applied Render is produced according to ASTM C59 / C59M and EN 13279-2 standards. Mada Hand Applied Render has been tested in accordance with ASTM C472.

Product Characteristics

- Composition: Stucco, Perlite, Light weight fillers & Adhesive to improve adhesion to base material.
- Usage: Internal walls and Ceilings at temperature > 5°C.
- Working Time: less than 45 mins.
- Base Material for Application: Brickwork, Concrete, Porous Concrete, Render.
- Thickness: 5-30mm.
- Coverage: 0.8 Kg/m²/mm.

Technical Specification

Parameters	
Color	Grey / White
Mixing Ratio water / powder	0.48 : 1
Workability	< 60 mins
Initial Setting Time	60 mins
Final Setting Time	180 mins
Surface Hardness	≥ 2.5 N/mm ²
Flexural Strength	≥ 1.0 N/mm ²
Compressive Strength	≥ 2.0 N/mm ²
Adhesive Strength	≥ 0.1 N/mm ²
pH	6-8

Handling and Storage

- Mada Hand Applied Render should be protected from continuous exposure to moisture. Prolonged or repeated exposure to moisture may cause loss of strength. Use wooden pallets when storing product on concrete floors.
- Before mixing please ensure that the mixing equipment and bucket used are clean. Contamination from previous mixes adversely affects the setting time and strength.
- In a clean bucket, garner Mada Hand Applied Render into cool, clean water (Not Vice versa) at a ratio of 0.48 : 1 water to powder.
- Mix manually or with mixer. Allow the mixture to settle for 3-5 mins. Check the consistency of the mixture and slightly add more water if still thick, or more plaster if too liquid. Mix Again and repeat till desired viscosity is reached for optimum application.
- Skin: Not irritant.
- Eyes: Lightly irritant.
- Not flammable.
- Use eye protection (Glasses) and gloves
- Storage: 12 months on dry environment.

Material Packing Details

Weight (kg)	40
Bags per pallet	35