

MADA THIN COAT RENDER

Technical Data Sheet

TDS-RE-R06-Rev1 Mada Thin Coat Render - Aug 2022



Advantage



Easy & Fast
Installation



High
Adhesion



Low
Consumption



Versatility
of Usage

Product Description

Mada Thin Coat Render is a perfect solution to create the smooth surfaces perfectly suitable to apply finishing on. The Thin Coat Render is a single layer, smooth-coat render of grey-white color intended for hand application in thicknesses of 3-6mm.

Field of Application

Mada Thin Coat Render is best option to use for concrete or porous concrete. Thin Coat Render is also perfect for repair works.



TECHNICAL DATA SHEET

Manufacturing Standards

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

Product Characteristics

- Composition: Stucco & Adhesive to improve adhesion to base material.
- Usage: Internal walls & Ceilings at temperature $>5^{\circ}\text{C}$.
- Working Time: less than 60 min.
- Base Material for Application: Concrete, Porous Concrete, Render.
- Thickness: 3 - 6 mm.
- Coverage: $0.9 \text{ Kg/m}^2/\text{mm}$.

Technical Specification

Parameters	
Color	Grey / White
Mixing Ratio water / powder	0.54 : 1
Workability	< 50 mins
Initial Setting Time	50 mins
Final Setting Time	180 mins
Surface Hardness	$\geq 2.5 \text{ N/mm}^2$
Flexural Strength	$\geq 1.0 \text{ N/mm}^2$
Compressive Strength	$\geq 2.0 \text{ N/mm}^2$
Adhesive Strength	$\geq 0.1 \text{ N/mm}^2$
pH	8-12

Handling and Storage

- Mada Thin Coat 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 Thin Coat Render into cool, clean water (Not Vice versa) at a ratio of 0.54 : 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

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