

Blato Thick Render

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Water Resistance Premixed Cement Based Plaster /Render for High Thickness

DESCRIPTION:

• Blato-Thick Render is designed and prescribed high performance, cement based plaster/render for fair faced concrete, brickwork and block work. Formulated with special additives to improve workability and adhesion, It is ideal for internal and external applications.

USES:

- Interior & Exterior wall rendering
- Used for plastering and rendering of:
 - Fair faced concrete
 - AAC Block/Concrete Block
 - Red Clay Bricks
 - Cement Mortar Blocks/Bricks
 - Concrete Hollow Blocks
 - Cellular Concrete Blocks
 - Stone Walls
 - Fly Ash Bricks

FEATURES AND BENEFITS:

- High Bond Strength
- Crack Free Wall
- Faster Application
- Excellent Coverage
- Easy to use
- Economical
- Premixed

SURFACE PREPARATION:

- Ensure the surface to be rendered is thoroughly clean and free from any dust and loose materials.
- Remove or cut back any nails, wire or mortar lumps that may show through the rendered
- Finish and scrape out any mortar joints to assist the bond between the surfaces and render.
- Place boards or a plastic sheet along the bottom of the wall to collect any dropped render.
- Before Blato-Thick Render are applied, lightly spray the wall with clean water so it is damp, not dripping wet.

MIXING & Installation:

• Hand Apply: Pour a bag of Plato-Thick Render (50 kg) in 10-11 liters of water in clean bucket . Mix continuously by hand or using an electrical stirrer for 4-5 minutes to obtain a homogenous lump-free paste. Leave the mix to stand for 5 minutes and remix the plaster before use. Use the mixture within 60-90 minutes of preparation.

• Spray application: add approx. 11-13 L of water.

Fair faced concrete application:

Blato Bond200 –SBR should be added to the mixture by dose (1-2 liter for each 50kg bag of Blato Thick Render)

- Apply the mixed Blato-Thick Render, which is in the paste form on prewet masonry wall by steel trowel and press the material into the cavities and joints of the bricks/blocks.
- Level the applied plaster with the help of featheredge and leave it for approximately 15-20 minutes until it becomes thumb press hard.
- After Final finishing of the render must always be done with wooden float or steel trowel when it becomes thumb press hard.
- Smooth finishing, excessive troweling, use of steel trowel and splashing of water during final finish must be avoided.
- Plato-Thick Render can be applied at 50mm thickness on multi-coats.
- The thickness of each coat should not exceed 15mm.

Curing

• Blato-Thick Render will dry in approximately eight hours (at 25°C) depending on the dampness of the substrate and moisture in the air.



- Spry water on the surface of the applied material each 12 hours for three days.
- Allow the surface to dry and cure for at least seven days prior to applying additional decorative coatings.

Coverage

- Depending on the nature of the substrate one bag 50kg cover 3-3.5 m² at 10mm thickness.

STANDARD:

- ASTM C926
- ASTM C349
- ASTM C348
- EN 1015-12

TECHNICAL DATA	
Type of cement	ASTM C150 TYPE I
Appearance	Gray powder
Max. aggregate size	1.8 mm
Density	1.6 kg/L (dry) 1.8 kg/L (wet) for 20% water demand
Compressive strength ASTM C349	>13.5 Mpa at 28day
Flexural strength ASTM C348	>3.5 Mpa at 28 day
Adhesive strength EN 1015 – 12	>0.5 Mpa at 28 day on concrete surface
Chloride content	Nil
Water Retentivity	Min. 95%
Pot time	2 hours
Initial setting	5 hours

CLEAN UP INSTRUCTIONS:

Clean all tools and surrounding areas and surfaces immediately with water, ensuring no waste or contaminated water ends up in drains or waterways.

PRECAUTIONS:

- Blato-Thick Render is not a replacement for waterproof membranes. When a waterproof membrane is required, use a different product for the same
- During cold weather, protect finished work from use until fully cured.
- Keep out of reach of children.

PACKAGING:

- 50 kg bags

SHELF LIFE / STORAGE:

Factory packed bags of Blato-Thick Render carries a shelf life of 12 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

ENVIRONMENTAL & SAFETY PRECAUTIONS:

Blato-Thick Render contain cement powders which can be harmful to the skin. During use, avoid inhalation of dust and contact with the skin and eyes.

Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap.

In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately do not induce vomiting. For further information consult the mortar Material Safety Data Sheet.