

## Blato PM-Plaster

### Premixed, Cement-Based, Fiber Reinforced plaster

#### Description:

- **Blato PM-Plaster** is a premixed cement-based fiber reinforced plaster. It is convenient, easy to use, strong and binds better to its substrate. It replaces the conventional method of plastering
- **Blato PM-Plaster** consists of specialized polymers, Cement, graded dry sand and other materials which combine to give superior strength, water retention and stability

#### Uses:

- Interior & Exterior plastering mortar
- Used for plastering and rendering of all types of wall made from:
  - AAC Blocks
  - CLC Blocks
  - Concrete Blocks
  - Hollow Blocks
  - Clay Bricks and Fly- Ash Bricks

#### Features & 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 mortar.
- Before **Blato PM-Plaster** are applied, lightly spray the wall with clean water so it is damp, not dripping wet.

#### Mixing:

- Hand Apply: Pour a bag of **Blato PM-Plaster** (50 kg) in 9-11 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 40-60 minutes of preparation.
- Spray application: add approx. 11-13 L of water.

#### Fair faced concrete application:

- Blato Bond200 –SBR or LATEX BOND-100 should be added to the mixture by dose (2-4 liter for each 50kg bag of Blato PM-Plaster)

#### Application :

- Apply the mixed **Blato PM-Plaster**, which is in the paste form on pre wet 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.
- **Blato PM-Plaster** can be applied at 50mm thickness on multi-coats.

- The thickness of each coat should not exceed 15mm.

### Curing

- **Blato PM-Plaster** 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 m<sup>2</sup> at 10mm thickness.

### Standard:

- SASO EN 998-1 CS II Wc1,T2
- ASTM C926

### TECHNICAL DATA

Type of cement	ASTM C150 TYPE I
Appearance	Gray powder
Max. aggregate size	2mm
Density	1.6 kg/L (dry) 1.9 kg/L (wet) for 16% water demand
Compressive strength ASTM C109	> 8 Mpa at 28day
Flexural strength ASTM C348	>2 Mpa at 28 day
Adhesive strength EN 1015 – 12	>0.5 Mpa at 28 day on concrete surface
Pot time	2 hours
Initial setting	4 hours

### Clean up instructions:

Clean all tools and surrounding areas and surfaces immediately with water, ensuring no waste or

### Precaution:

- **Blato PM-Plaster** 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.

### Packing:

- 50 kg bags
- 25 kg bags

### Shelf live and Storage:

- Factory packed bags of **Blato PM-Plaster** carries a shelf life of 12 months, if stored in cool & dry place..

### Environmental & safety precaution:

**Blato PM-Plaster** 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