



STEF BOND PLASTER

(Plaster For Walls & Concrete Surfaces)

Product Description:

STEF Bond Plaster is a coat plaster which is the blend of Portland cement, fine graded sand, and water-soluble, high-quality polymer additives. This mixture is simply ready to use by mixing it with clean potable water at the site and can be applied on bricks, concrete blocks, and concrete surfaces.

STEF Bond Plaster are commonly used for different purposes of exterior and interior walls. These can be easily used for horizontal and vertical walls. *STEF Bond Plaster* can be used to cover some scratch on walls as a conventional plaster material. It can also be used as a middle coat or as a wall finish coat.

Designed for internal & external walls and concrete surface application.

Surface Preparation:

The concrete block work or concrete shall be properly cured clean and free from all dirt, oil, grease, and other substances that can hinder the performance of the product.

The substrate should be damp and excess water to be swept off. Minimum curing time is 2-3 days.

Mixing:

- Mix thoroughly *STEF Bond Plaster*
- Place clean, potable water
- Add *STEF Bond Plaster*
- Use approximately required amount of water for 25 kg Ready Plaster
- Mix with a trowel to get a smooth and trawlable consistency.
- Need to adjust consistency if necessary
- Re-mix and apply using appropriate notching trowel

Application:

- Spread a slurry bond coat of *STEF Bond Plaster* slurry over the First coat plaster surface.
- Apply the *STEF Bond Plaster* evenly to the required thickness and finish using a straight edge.
- Press timely to work into surface
- *STEF Plaster Bond* doesn't need curing it is a self-curing product

Packaging: 25 kg bag

Colors: Grey

Shelf Life & Storage: Shelf life is 12 months from the date of manufacturing. Store in area away from direct sunlight and rain. Keep in cool dry area so the product does not condense prior to the mixing.

Coverage may vary depending on the ambient weather and surface conditions as well as thickness applied.

PROPERTY / TEST METHOD	SPECIFICATIONS	Results
<i>Initial Setting Time – ASTM C-266</i>	≥ 50 Minutes	65 Minutes <i>Final</i>
<i>Setting Time – ASTM C-266</i>	≤ 360 Minutes	260 Minutes <i>Compressive</i>
<i>strength -- ASTM C109-99</i>	@ 1 Day	3.85
	@ 3Day	4.47
	@ 7 Day	5.82 <i>Flexural</i>
<i>Strength @28 Days – EN 1015-11</i>	≥ 1.5 N/mm2	2.0 – 3.0 N/mm2
<i>Tensile Adhesion Strength --ASTM C307-99</i>	@ 7 Day	2.46 N/mm2
<i>Capillary water Absorption – EN 1015-18</i>	<i>W0: Not Specified</i>	
	<i>W1: $c \leq 0.4$ Kg/m².min0.5</i>	
	<i>W2 : $c \leq 0.4$ Kg/m².min0.5</i>	0.50 – 0.60 N/mm2
<i>Water Retentivity – BS 4551 -1 35o c (minutes) (g/cc)</i>	≥ 95 %	96-98 % <i>Pot life at</i>
		47 <i>Wet mix density</i>
		2.078 <i>Dry density (g/cc)</i>
	2.064	

Other Product Categories available with **STEF Bond Plaster** as below

- Premium Tile Adhesives
- Grouts For Tiles
- Water Proofing Products
- Self-level Flooring
- Floor Screeds

