



Powerplast Ready Mix Wall Plaster

PRODUCT DESCRIPTION

Magikol Powerplast is a ready-mix cement/render with high quality cement base. It can be used on inner and outer walls. It can also be used efficiently on brick, block and stone wall as well as concrete surface.

Magikol Powerplast gives even surface on which tiling can be done fast, easily and efficiently.

Magikol Powerplast used in place of traditional plastering, is a convenient and easy to use plaster that is stronger, looks nice and binds better to its base. Prepared with high quality and sustainability. Walls with Magikol Powerplast Ready Mix Wall Plaster have less chance of developing cracks.

Magikol Powerplast Ready Mix Wall Plaster is a plaster made by the right composition of raw material. It is proven by stringent quality controls. It is not only convenient for use, it also maintains cleanliness at work place.

Application

- Brick
- Stone Wall
- AAC Block/ Concrete Block
- Concrete Surface

Advantages

- Smooth Plaster
- Frequent watering / saturation not required
- Time saving
- Least rebound loss
- High Strength
- Excellent Quality & Coverage
- Faster Application

TECHNICAL DATA

Applicable Standard

For sand sieve size : Zone 2 (IS 383-1970)

ASTM 4541, EN 1015-12 & EN 1015-11:1999

Performance Properties

Test	Test Method	Specification	Results
Water Demand	IS:4031 (Part-4)1988	15-25%	16
Work Ability	Internal	Good	Good
Bulk Density	Internal	1.92 -1.96 gm/ml	1.93
Wet Density	Internal	1.85-2.15 gm/cc	2.06
Pot Life	Internal	> 90 Minutes	110
Dry Adhesion: 10 mm thick on concrete. Storage 7 days (PE bag) 23° C+7 days 23° C/50% r.h.	ASTM 4541 & EN 1015-12	Min 0.3 Mpa	0.33
Setting Time : Initial	IS:4031 (part-5) :1988	>30min	205
Setting Time : Final		<=600 min	215
Water Retentivity	EN 1015-8	>=95%	99.8
Water Absorption	EN1015-18 EN998-1,2003	W0 no requirements W1C ≤ max 0.40 kg/Meter ^{2 0.5} W2 C ≤ max 0.20 kg/Meter ^{2 0.5}	0.05
Compressive Strength: 2 d mould+ 5 d PE bag+ 21 d 23°C/50% r.h.	EN 1015-11:1999	CS I --- 0.4 to2.5 , CS II— 1.5 to 5 CS III--- 3.5 to 7.5 CS IV-- >6	9.37
Flexural Strength: 2 d mould+5 d PE bag+21 d 23°C/50% r.h.	EN 1015-11:1999	Mpa	2.95

Packaging : 40 kg bag

Colour: Grey

Coverage:

Magikol Powerplast approx. coverage per 40 kg bag is as under:

10-12 mm plaster on light weight blocks is 23-24 sq. ft. 10-

12 mm on brick wall 17-18 sq. ft.

10 mm on RCC 24-25 sq. ft.

Coverages depends on quality and nature of substrates hence is indication.

Shelf Life:

Factory sealed bags of this product are guaranteed to be of first quality for one (6) months* if stored off the ground in a dry area.

*High humidity will reduce the shelf life of bagged product.

INSTALLATION

Mixing Method:

Prepare plaster by mixing 7 to 8 litres of water per every 40 kg bag. Use of mechanical mixer for better results. Manual mixing can also be done. Mixing should be done for 5-10 minutes depending upon the speed of mixing. When the mixture is prepared, leave it for 5 minutes and mix it once again just before use. The correct ration of water and Magikol Powerplast is essential for excellent plaster.

Application on surface:

On application on concrete surface it is recommended that the surface is made rough for better sticking of the plaster layer. Magikol Powerplast should be applied with hands and care should be taken that it doesn't have exposure to wind & rain during application.

Watering / Saturation:

In normal weather, Magikol Powerplast dosen't need watering for 24 hours. After the plaster is completely dry, watering should be done once or twice for 2-3 days. In abnormal weather conditions, excess watering may be required.

AVAILABILITY AND COST

Availability

For distributor or area dealer information:

Telephone: +91-022-49704245

e-mail: info@magikol.co.in

Cost

Contact a Magikol Distributor in your area

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