

MAGIC COAT[®]

PREMIUM

WITH NANO TECHNOLOGY

मेरा घर
ठंडा-ठंडा..कुल-कुल..

*Fiber Reinforced Elastomeric
Water Proof & Heat Proof Coating
For Exterior Surfaces.*



Precaution

- Repair the hollow surface area before applying Magic Coat
- For miscellaneous surface likeiling, smooth and glossy cementitious surface, product should be used with Engineer Plus- Magic Coat terrace tile primer.
- For horizontal surfaces, use Engineer Plus / Magic Coat fiber mesh at all joint & corners for better reinforcement.
- For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate.
- The forced coverage leads to long term performance hence it is recommended to ensure coverage as per datasheet only.
- Do not apply during rains or extreme temperatures.
- Not recommended for rain water harvesting purpose. Avoid abuses which may lead to puncturing of membrane.
- Ensure that the product is applied at least 6 inches inside the drain pipe.
- For best results, apply coating on parapet walls as well.

Coverage

RECOMMENDED SYSTEM

On RCC or plaster using brush or roller

Horizontal Surface 0.93 Sq. mtr/ltr

Vertical Surface

Fresh painting: 2.32 Sq. mtr/ltr

Re-painting: 2.79 - 3.25 sq. mtr/ltr



**Save Water &
Electricity**

Technical Data Sheets

Properties	Results
Appearance	Viscous liquid
Colour	White
Specific Gravity	1.25
Water Resistance	10
Alkali Resistance	8
Viscosity Sormer	122-134 KU
Solids by wt, %	54.6 - 60.4
Tensile Strength	2.82
Elongation	220
Adhesion to dry concrete	5.47
CBA, mm	1 mm (Horizontal)
Water vapour permeance	4.41
Anti Carbonation, R Value (@ 207 DFT)275	
Form	Ready to use viscous liquid
MixDensity :	1.26
Application Temperature	5°C to 35°C

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Description

Engineer Plus : Magic Coat is a fiber reinforced elastomeric liquid applied water proofing membrane. It is formulated with select elastomeric and resilient acrylic polymers and reinforcing polyester fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing.

Area of Application

Can be used for building roofs, terraces, parapet, sunshades and exterior vertical walls. It can also be applied on existing IPS, sound brick/bat coba or cementitious waterproofing.

Features & Benefits

- **Waterproofing:** - Waterproofing protection of up to 7 bars hydrostatic pressure.
- **Crack bridging:** - Unmatched crack bridging ability due to elastomeric properties.
- **Mechanical strength:** - Reinforced with glass fibers for superior abrasion resistance.
- **Adhesion:** - Strong adhesion to masonry substrates.
- **High sheen:** - High sheen, brilliant white colour and thick coat results in high levels of heat reflectance.
- **Anti carbonation:** - Reduces carbon dioxide and chloride ion diffusion thus protecting re-bars against corrosion.
- **Use & maintenance:** - Single pack, easy to apply and simple re-coating.

Method of Application

SURFACE PREPARATION

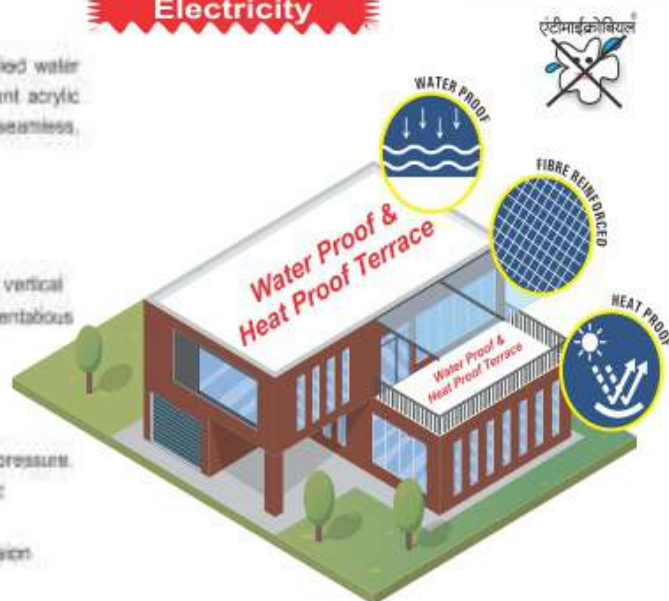
- Prepare the surface by cleaning and ensure that it is free of dust, oil, grease, grime and loose particles etc.
- The substrate must be checked for its soundness small crack (3mm or less) should be opened, cleaned and filled with Engineer Plus Crack Fill Paste. Bigger cracks, damaged portions & hollow areas must be repaired with polymer modified screed.

APPLICATION METHOD HORIZONTAL SURFACE

- Apply a self-priming coat of Magic Coat (diluted with water in 3:1 ratio.)
- Apply a second coat of Magic Coat without dilution.
- Apply two perpendicular coats of Magic Coat without dilution.
- Achieve a forced system coverage of 10sq. ft./lt.
- Allow it to dry for 4-6 hours between coats.
- For best performance on terraces, ensure that the product is applied on the entire roof including parapet wall.

APPLICATION METHOD VERTICAL SURFACE

- Fresh painting: Apply a self-priming coat of Magic Coat (diluted with water in 3:1 ratio)
- Achieve a forced system coverage of 25 sq. ft./lt.



2in1

