



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals



MCON MAGIC COAT FLEXI

**SINGLE COMPONENT POLYACRYLIC
WATERPROOF LIQUID MEMBRANE**

Product Description :-

MAGIC COAT FLEXI is a single component, modified poly-acrylic, liquid applied coating that is composed of specially developed polymers, properly selected and graded fillers. It cures by reaction with atmospheric moisture to give a tough elastomeric waterproof membrane. MAGIC COAT FLEXI is elastomeric in nature and has good resistance to weather and sunlight. MAGIC COAT FLEXI has excellent flexibility and bonding with concrete designed for protection of all types of thermal insulation.





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Areas of Application :-

- ✓ Foundations, basements & lift pits.
- ✓ Terrace Gardens, Terraces.
- ✓ Protection of insulation on Pipes & Air conditioning ducting , etc;
- ✓ Car Decks, Podiums.
- ✓ Sewage Works & Sunken portions.
- ✓ Sunk portion of bathrooms, toilets, balconies, etc.

Technical Specefication :-

CHARACTERISTICS	SPECIFICATIONS
Appearance	Thixotropic liquid
Color	White
Odor	Styrene acrylic
Viscosity	1.6 - 3.5 poise at 25°C
Density	1.45 - 1.52 g/cm ³
Solids	70 - 75 %
Solvent	Water
Flash point	None



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Features & Benefits :-

- ✓ Elastomeric – On that accommodate cracks up to 2 mm with an elasticity of 100-150%.
- ✓ Low water permeability – excellent resistance to ingress of water.
- ✓ Adhesion – excellent adhesion to concrete and masonry surfaces.
- ✓ No curing required.
- ✓ Elongation at Break - The elongation of the unreinforced system after 7 days cure at 68°F (20°C) when tested against BS 2782 or similar test method is typically 90%.





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Method of Application :-

All surfaces to be waterproofed should be sound, clean and dry and free of any laitance, grease and oil, dirt and other loose materials.

Algae and fungi must be removed physically. After treatment leave for 2-3 hrs and then wash down thoroughly with clean water and allow to dry completely.

MAGIC COAT FLEXI should be applied by brush, trowel, airless spray in two coats maintaining the spreading rate to achieve the desired DFT of 1 mm. The material consumption shall be approximately 0.2 to 0.3 kg / m² per 2 coats.

In critical applications where film thickness is paramount and desired than the stated one then two coats should be applied with quantities per coat gauged to give the specified final film thickness.

On a vertical surface if high film build up is desirable then additional coat may be required.

If the coated surface is to be further subject to abrasion then sprinkle sand on the surface when the coating is in wet condition. This will ensure protection of the membrane.

The coating will get fully cured into membrane in 7 days.

If a water ponding test is to be run, the membrane should be fully cured.





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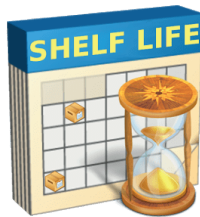
Coverage :-

As a waterproofing coating: 25 - 35 sq.ft./ kg in 2 coats



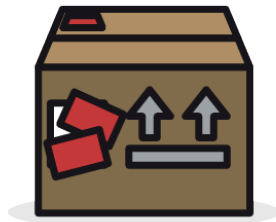
Shelf Life & Storage :-

12 months in original packing if stored at room temperature i.e. 25 C



Packing :-

5 kgs. , 20 kgs.



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems is certified and as an ISO 9001:2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

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