



MCON MAGIC COAT PU

SINGLE COMPONENT POLYURETHANE WATERPROOF LIQUID MEMBRANE



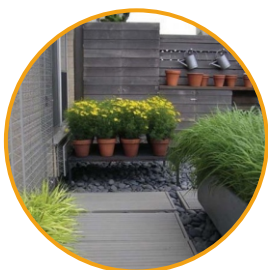
Product Description :-

MCON MAGIC COAT PU is a single component, modified polyurethane, liquid applied coating that is composed of specially developed polyurethane compound, It cures by reaction with atmospheric moisture to give a tough elastomeric waterproof membrane.

Features & Benefits :-

- Cold curing, cures to a tough, flexible and abrasion resistant coating.
- Bonds strongly on cement concrete, asbestos, mild steel, cement plastered applied surfaces.
- Thermal stability Irreversible chemical cure eliminates melting and flow at high temperature.
- Excellent protection against corrosive soil conditions, resistance against saline water, mild acids and alkalies, high sulphate resistance.

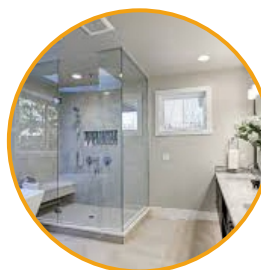
Areas of Application :-



Terrace Garden



Podiums



Bathrooms



*China Mosaic
Surfaces*

Technical Details :-

Color	White , Grey
Tack Free Time @28°C	12 hours
Time to Full Cure @28°C	72 hours
Solid Content, %	50 - 60
Elasticity	400%
Elongation @ Break	> 1365 % (ASTMD 412 - 98)
Viscosity (Spindle No: 7; RPM : 10 25 C)	50000 – 70000 CPS
Water vapour Transmission (g/h – m ²)	0.46 (ASTME 96 - 95)





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Easy To Apply :-

- 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 PU should be applied by brush, trowel, airless spray in two coats maintaining the spreading rate to achieve the desired DFT of 0.5 mm.
- The material consumption shall be approximately 0.3 to 0.4 kg / m² per 2 coats. The first coat has to be diluted with 15-20 % water, mixing it thoroughly. The second coat has to be applied perpendicular to the first coat with no dilution.
- 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.
- 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.



Coverage :-

15 - 20 Sq. ft. / kg
in 2 coats



Packing :-

5 & 20 Kgs

Shelf Life :-

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

Precautions & Safety :-

- Surface to be dry for application as the material is not cured in presence of moisture.
- Moisture level shall not be essentially more than 0.5%.
- Soft settling is likely to be observed in containers and the same shall be stirred thoroughly and carefully to achieve a homogeneous consistency.
- Avoid application on very hot substrate & during a very hot and windy conditions.
- Film formation may not be uniform and gradual under such circumstances & skinning on top surface may lead to formation of blisters and bubbles due to entrapped vapour from within the material.

An ISO 9001 : 2015 - An ISO 14001 : 2015 - AN BS OHSAS 45001 : 2018

MCON RASAYAN PVT. LTD.

Trusted Partner In Construction Chemicals

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