



MCON MAGIC COAT PU (ANTIROOT)

PU BASED LIQUID WATERPROOF COATING



Product Description :-

Mcon Magic Coat PU Antiroot is cold applied liquid Waterproof membrane specially designed from a Blend of special resin and rubber, reinforced with Special water repelling fillers, minerals stabilizers and gelling agent.

Features & Benefits :-

- Mcon Magic Coat PU Antiroot is a highly elastic product, and cures to a rubber like Membrane capable of with standing severe cases of expansion, contraction and deck movements .
- Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping , And /or separation and a longer life.

Areas of Application :-



Concrete Walls



Metal Surface



Bridges



Basement

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.
- All metal surfaces to be coated should be made clean of paint, rust and other contaminants.
- MCON MAGIC COAT PU Antiroot 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 0.3 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 that 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.

Standard :- ASTMD-2823, D-412, D- 47 1, E - 9 6 / BW, C-836





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Technical Details :-

Appearance	Smooth, Thick Paste
Colour	Black
Specific Gravity	0.95 - 1.00 (ASTMD 1644 - 03)
Solid Content	% 52 - 53 (ASTMD 1475 - 03)
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)
Tensile Set recovery, %	95 %
Tear Resistance, KN/m	28 ± 10
Service Temperature, 24 hrs. @ 120°C	No Shrinkage
Chemical Resistance, % Weight Change	
-10 % Salt(Sodium chloride)	3.0
- 5 % Alkali (Caustic Soda)	2.0
- 5 % Acid (Sulphuric)	3.0
Tack Free Time @ 35°C	10 - 12 hrs
Drying Time @ 25°C	10 - 20 min (ASTMD 1640 – 03)
Flammability & Toxicity	0.95 ± 0.1
Tensile Strength	0 .51 N/mm ² (ASTMD 412 - 98)



Coverage :-

25 - 30 Sq. ft. / kg
in 2 coats



Packing :-

20 Kgs

Shelf Life :-

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

Precautions & Safety :-

- As with all chemicals, caution should always be Exercised. Protective clothing such as gloves and goggles should be worn.
- INHALATION : Inhalation of vapour or mist should be avoided. If inhaled symptoms include coughing , wheezing, laryngitis, and shortness of breath , Headache, nausea, and vomiting. Immediately shift victim t fresh air, and, if needed immediately start Artificial respiration. Give oxygen if breathing is laboured. Get emergency medical help.
- EYE CONTACT : Flush eyes with water for 15 minutes and call for medical help.
- INGESTION: Causes nausea, vomiting, and loss of consciousness. If accidentally Swallowed do not induce vomiting rather call for medical help immediately.
- SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required

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

MCON RASAYAN PVT. LTD.

Trusted Partner In Construction Chemicals

Corporate Office : Gala No. 6 , Bardanwala Estate , Bandivali Hill Road , Jogeshwari (W) , Mumbai - 400 102 , Maharashtra , India .

Consumer Care : 022 - 26790031 • Email Id : info@mconrasayan.com • Visit us : www.mconrasayan.com • Follow Us :   