

PREMIUM WATER PROOFING COATING



UN1ON PROOF is a fiber reinforced elastomeric liquid applied water proofing membrane with hybrid polymers and acrylic reinforcement fibers. UN1ON PROOF is form a tough, durable, seamless, thick waterproof membrane upon curing. UN1ON PROOF is highly durable waterproofing coating having excellent resistant to UV, algae, mildew, alkaline and efflorescence properties.

The coating performance can be enhanced for large roofs, by providing a fibre mesh that is sandwiched between the coats.

AREAS 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



High Strength -
Hard wearing



Alkaline &
Efflorescence
Resistance



Permanently flexible -
will not brittle



UV & IR resistant



Crack Bridging
capability up to
2 mm. width



Algae & Fungus
Resistance



Outstanding
durability



Breathable



Environmentally Safe -
non - toxic



Easy clean up,
non- staining



Single pack -
easy to use



Long lasting service

SURFACE PREPARATION

- **PLASTER** New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces.
- **CLEANING** Surface should be free from any loose paint, dust or grease. Remove all existing bitumen coatings completely. It is recommended to use intense wire brushing or high speed water jet for thorough cleaning.
- **REPAIRING** The substrate must be checked for its soundness using small hammer. All cracks at corner joints, channels and parapets should be properly treated.
- **FILLING FOR CRACKS** For filling cracks up to 3mm use **UNION** Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.
- **ENSURE** that the roof slope of a minimum of 1 in 100, is already provided.

Application Description

For Horizontal surfaces:

- Apply a first self-priming coat of **UNION** PROOF, by diluting with 10% of water.
- Allow to dry between coat 4-6 hours
- Apply first waterproofing coat without any dilution. Allow to dry 4-6 hours.
- Apply the second waterproofing coat without any dilution in a perpendicular direction to the first.

For Vertical surfaces

- Apply a first self-priming coat of **UNION** PROOF, by diluting with 10% of water.
- Allow to dry between coat 4-6 hours
- Apply first waterproofing coat without any dilution. Allow to dry 4-6 hours.
- Apply top coat paint with the recommended system.

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|---------------------------|---|
| • Form | : Ready to use viscous liquid |
| • Application temperature | : 5°C to 35°C |
| • Appearance | : Viscous Liquid |
| • Color | : White |
| • Specific Gravity | : 1.15-1.3 gm/cc |
| • Water Resistance | : 10 |
| • Viscosity | : 12000-18000 cps (Brookfield RVF 4/20) |
| • Solids by wt. % | : 59 to 61 % |
| • Hardness | : 75 Shore A |
| • Tensile strength | : 3.0 Mpa |
| • Elongation | : upto 350% |



PRODUCT GUIDELINES

Coverage:

- Coverage 3-4 m² per kg per coat

Shelf Life:

- Best to use within 12 months from the date of manufacture.

Storage:

- Store in a cool and dry place for better shelf life.

Packing: • 5kg & 20 Kg

PRECAUTIONS

- Do not apply during rains or extreme temperatures.
- 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 parapet to parapet to envelope the entire building.

NOTE :

The Product information & application details given by the company & its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expresses or implied guarantee/ warranty as to the results obtained. The company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.



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