



ENITHANE WTE

Urethane Based Chemical Resistant Waterproofing Coating

DESCRIPTION

ENITHANE WTE is a white, single component anti corrosive protective coating. It is modified urethane based coating.

ADVANTAGES

- Highly resistant to oxidation, UV light and Ozone degradation because of unique additives used in compounding it
- Superior wetting and adhesion properties ensure a durable bond highly resistant to peeling, chipping, and separation for a longer life.
- Has the unique property of adapting itself over the irregular contours of the deck and forming a monolithic coating.
- Single component, cold applied, requiring no mixing, heating or highly skilled labor.
- Remains tenaciously adhered to any surface and remain flexible through out its life under extremes of temperature. Will not crack or become brittle with age.
- Versatile, non-flammable & non-toxic in its cured state.
- Chemical resistant, Resists deterioration from dilute acids, oil, alkali, salts, bacteria, acidic fumes and common fuels.

RECOMMENDED USES

- For waterproofing or vapor-barrier protection of foundation, inverted roofs, basements, split slabs, slab on grade, car deck, etc.
- Recommended also as a protective coating for building exteriors, metals, woods, etc.
- Ideal waterproofing system for concrete roof, polyurethane foam slabs, polyester built up roofs, masonry and concrete walls.
- Recommended for protection of metal surfaces & exposed concrete in corrosive atmosphere.
- Recommended for use in under tile areas as bathroom, kitchens, basements, effluent tanks and other wet areas.

TECHNICAL DETAILS

BASE	: Specially Formulated PU
SOLIDS CONTENT BY WEIGHT	: 58%± 2%
COLOR	: Milky White
VISCOSITY	: 80 POISE (Brookfield) (ASTM D 1475-16)
ELONGATION	: 25% @ 20° C (ASTM D 412)
WATER VAPOUR TRANSMISSION	: 1.04 PERMS (ASTM E 96)
ACCELERATED WEATHERING	: 2000 HOURS

SURFACE PREPARATION

Remove all dirt, oil, grease, wax, surface laitance and other loose particles from the surface using a stiff nylon or steel bristled brush. All cracks in excess of 1.0 mm should be filled using a suitable crack-filling compound. Metal structure should be cleaned with rigorous wire brushing and if the area is rusted, proper RUST CONVERTOR/INHIBITOR as a primer coat should be used for better results. ENITHANE WTE is recommended in two coats.

METHOD OF APPLICATION

Priming should be done using 1 part ENITHANE WTE to 3 parts of XYLENE. Allow curing for minimum 6-8 hours before application of subsequent coats. After curing of the priming coat, the first coat of ENITHANE WTE should be applied directly with 10 to 15% Xylene, starting from the horizontal surface. Ensure that the edges of the horizontal surface are evenly coated with P.U. and extended to the vertical surface by 100 mm. For better results, reinforce the joints between the vertical and horizontal with fiber mesh & overcoat. Allow the coating to cure for at least one day before application of succeeding coats.

Caution – DO NOT APPLY ENITHANE WTE ON WET OR UNPREPARED SURFACES. Smoking should be strictly prohibited during application. In confined areas of application, breathing equipment should be made available to operatives.

CLEANING:

Tools & Equipment : Clean with thinner
Hands : Use a hand cleaner or Kerosene followed by soap and water.

COVERAGE

Theoretical coverage of **ENITHANE WTE** is approx. 2 - 3 sq. meters/kg in 2 coats having a thickness of 400 –500 microns depending upon the substrate.

STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

PACKING

ENITHANE WTE is available in 16 kg. Pails.

SAFETY

FIRE: Flammable when wet, Flash Point 40 °C.

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

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

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

Technical Support:



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& CN-07468396
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