

FOXAPOX UW (OX-540)

Under Water & Wet Epoxy

PRODUCT DESCRIPTION

Foxapox UW OX-540 is a two component solvent free epoxy was designed for the protection of concrete and steel in the splash zone and underwater of saltwater marine structures. The product can also be used to seal or bond surfaces that are continually wet or submerged in seawater, even when subjected to heavy wave action.

RECOMMENDED USE

- Concrete coating and spall repair on piers, seawalls, dock floors, drainage ditches and sewer pipe.
- Protection and patching of steel structure surfaces such as pilings, drilling rigs, ship hulls, buoys, well jackets and bulkheads.
- Patching and protective coating of wooden boats, pilings and telephone poles.
- As an underwater adhesive.

LIMITATIONS

Heavy wave-action before set may dislodge material. Placement of sample test patches or repairs are highly recommended before commencement of large-scale repairs or modifications. Do not add solvents or otherwise thin this material.

PHYSICAL DATA

Colour	Standard colour
Gloss Level	Matt/ semigloss
Volume Solid	100%
Dry Film Thickness	150 microns DFT percoat
Number of Coat	2
Theoretical Coverage	6.66 m ² /ltr @150 microns DFT
Mixing Ratio	Base : Hardener = 4 : 1 (by weight)
Thinner	Not required
Drying Time	Touch dry -4 hours Topcoat -12 hours Full cure-7 days
Pot Life	45 minutes at 30 C
Pack Size	Part A- 4 kg, Part B-1 kg
Shelf Life	12 months

SURFACE PREPARATION

Wet blasting or dry sandblast to remove all loose and deteriorated material, other surface contaminants such as tars, oils, paints, waterproofing materials, rust, barnacles, etc. which may interfere with the formation of a good bond

Cleaned concrete surfaces should have a minimum strength of 250 psi in direct tension. Steel should have surface profile 50 to 75 microns.

Mixing

Mix Part A thoroughly then add in part B and continue to mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.

CLEAN UP

All tools and equipment must be cleaned before the mixed material cures. Cleaning can be facilitated with a Foxanner 009 or heavy-duty detergents.

SAFETY PRECAUTION

Keep away from heat, spark and Open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.

ISSUED:

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