

1. OVERVIEW

KOREPOX TOPCOAT ET6572 is a two component, polyamide cured epoxy resin based high build and high solids topcoat designed for fresh water and ballast tank service.

It may be used in contact with food products and for fresh water tank in accordance with Food and Drug Administration Regulation, section 175.300.

a. Recommended Use As a finish for water, ballast tank and swimming pool.

2. PHYSICAL PROPERTIES

- a. Finish and Color Flat. Red oxide, Light gray, Light blue, Cream.
- b. Drying Time At 21° C /70° F, Set to touch : 2 hours
Dry hard : 16 hours
- c. Solids by Volume Approx. 66% (Determined by ASTM D2697)
- d. Spreading Rate 6.6m²/L in 100 microns dry film thickness on a smooth surface.
(Theoretical)
- e. Specific Gravity Mixed : Approx. 1.36 (Kg/L)
- f. Flash Point PTA(Base) : 53° C /127.5° F (Closed cup)
PTA(Curing Agent) : 48° C /118° F (Closed cup.)

3. APPLICATION DETAILS

- a. Surface Preparation Remove any dirt, oil and grease and other contaminants from the surface to be coated with fresh water or suitable solvents.
- b. Preceding Coat KOREPOX PRIMER EP6172 or according to specification.
- c. Application Conditions Do not apply when the relative humidity is high and condensation is likely to occur. To avoid condensation problems apply only when the substrate temperature is 3° C above the dew point. Curing will be retarded below 10° C /50° F and application below this temperature is not recommended. Curing time is depending on temperature and film thickness.
- d. Mixing PTA(Base) : PTB(Curing Agent) = 1 : 1 (by volume)
Mix thoroughly together half an hour prior to application in the proportion as delivered.
- e. Pot Life At 21° C /70° F, 3 hours
- f. Thinning THINNER No. 024.
Do not dilute components separately, only the mixture.
- g. Method of Application Brush, Roller, Spray(air, airless)application.
For airless spray application ; Nozzle orifice : 0.017 " ~ 0.025 "
Output pressure : 2,100psi/143atm
Fan : 65
(Airless spray data are indicative and subject to adjustment.)

※ This data is believed to be accurate, but without any obligation.

Please consult with our technical department for detail information..

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- h. Film Thickness Recommend per coat 100 microns dry(152 microns wet).
May be specified in another film than indicated depending on purpose
and area of use.
- i. Recoating Interval At 21°C/70°C , Minimum: 8 hours
Maximum: 2 weeks
If maximum recoating interval is exceeded, roughening of the surface is
necessary to ensure intercoat adhesion.
- j. Shelf Life 12 months
- k. Packing Unit 16L (PTA : 8L, PTB : 8L)
18L (PTA : 9L. PTB : 9L)
- l. Remarks Protect skin and eyes, and avoid prolonged breathing of solvent vapor.
Use with adequate ventilation.
Respiratory protection is recommended when applying this material in
confined spaces or stagnant air.

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