

Glass Flake filled phenolic epoxy coating

SUPERPOXY 320GF



SUPERPOXY 320GF has excellent acid resistance to continuous and alternating service for a wide range at chemicals, solvent, caustic, crude and fuel oils, animal and vegetable oils and fats, neutral, alkaline and non-oxidizing salt solutions in water.

Usage

Tank lining for shop tanks, road tankers, barges and storage tanks in the chemical and petrochemical industries.

Application Procedure

Procedure	<ol style="list-style-type: none"> 1. Surface preparation <ol style="list-style-type: none"> 1) Immersion : Blast all surface in accordance with SSPC-SP5 ("White Metal", SIS Sa 3) 2) Concrete : As a fully cured state and prepare in accordance with blast cleaning or pricking 2. Environmental Conditions <ol style="list-style-type: none"> 1) Over 10°C is ideal for painting and hardening. 2) The surface temperature must be at least 3°C above the dew point to prevent moisture condensation. 3. Application Equipment <ol style="list-style-type: none"> 1) Conventional or airless spray, power mixer, brush 2) Airless spray: Tip size-0.019~0.021inch Output pressure-2200psi/150atm (*Airless spray data are indicative and subject to adjustment) 3) Recommended thinning ratio : about 5%(Airless spray)
Caution for usage	<ol style="list-style-type: none"> 1) Mix the material according to designed mixing ratio and use after stirring it until uniformly blended. And, Use the mixed paint within pot life. 2) When used in rainy day, high humidity(Over 85%) day, low temperature(Under 10°C) condition, avoid the painting. 3) When immersed before curing time for immersion service, it can make coating problems (chalking, discoloration, blistering, etc.) 4) Even if you use same product(color, lot), the painting equipment and method(thinning ratio) can cause different color. 5) Don't use this product as a floor coating. 6) When apply this paint to immersion region of concrete managing waterproofing, it is possible to occur peeling. So, coating work have to be proceeded after checking the adhesion with our products. 7) When applied to exposed areas of outdoor, recoating time shall be within 2 days. if recoating time is passed, surface preparation by sand paper is needed to all surface and do the next coating.
Caution for handling	<ol style="list-style-type: none"> 1) Store it indoor (5~35°C) condition, avoiding heat and open flame. And, keep it standing and being closed. 2) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment. 3) Since this product is a chemical product, it may deteriorate during long-term storage. Please refer to our customer center for the products that have passed this period.
Warning	Please refer to the warning in the appendix.
Application system	Steel : SUPERPOXY 320GF 100µm x 3coats Concrete : EPOCOAT PRIMER 50 µm / SUPERPOXY 320GF 125µm x 2coats

Physical Data

Finish	Semi-gloss	Color	Green and light color (limited color)
Applied over	Primed steel or concrete	Components	2
Volume Solid	Approximately 70%	Recommended Film Thickness	250~300 µm
Coats	2~3	Mixing Ratio A : B	4:1(vol)
Recommended Coverage	2.33 m ² /L (@ D.F.T. 300µm) * Allow for application losses and surface irregularities.	Pot life(20°C)	2hrs
Dry times(20°C)	Dry through : 36hrs	Recoat(20°C)	To topcoat(min/max) : 16hrs ~ 7days Exposure region: 16hrs ~ 2days

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Diluent	Epocoat1000 thinner, THINNER 395	Curing time for Immersion service	9 days (at 20°C)
Packing Unit	18L[9L/9L],	Shelf Life	12months (When stored indoors at 5~35°C)

The information given in this document is based on laboratory tests and on-site application results, but may vary depending on quality improvement and work conditions.

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