

Zinc Rich Polyamide epoxy coating

SUPERPOXY 122LP



SUPERPOXY 122LP designed mainly on zinc polyamide epoxy primer, provides outstanding resistance to chemicals and severe weathering. This product is used as a shop primer for bare steel on new construction or major repair projects and as a field maintenance primer over bare steel or steel coated with organic or inorganic zinc primer and epoxy topcoats.

Usage

Used as a anticorrosive primer for anticorrosion of steel and major repair projects.

Application Procedure

Procedure	<ol style="list-style-type: none">1. Surface preparation<ol style="list-style-type: none">1) Severe exposure: Blast in accordance with SSPC-SP10("Near White", SA 2 1/2)2) Mild exposure : Power tool cleaning in accordance with SSPC-SP3 is acceptable.2. Environmental Conditions<p>Over 5°C is ideal for painting and hardening. The surface temperature must be at least 3°C above the dew point to prevent moisture condensation. Drying time can be different under -5°C.</p>3. Application Equipment<p>Conventional or airless spray, power mixer, brush Airless spray: Tip size-0.015~0.021inch Output pressure-2500psi / 170atm Conventional spray : A moisture and oil trap in the main supply line and mechanical pot agitator are essential. (*Airless spray data are indicative and subject to adjustment) Thinning ratio: Up to 50%(vol)</p>
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) Avoid applying paint on rainy days, high humidity(Over 85%) day, low temperature(Under -5°C) condition.3) Even if you use same product(color, lot), the painting equipment and method(thinning ratio) can cause different color. So, you should check the color before using it.4) When apply this paint to exposure region, it is possible to occur yellowing and chalking, so you have to apply good weather resistance topcoat.5) When exposed long time, the chalking can be occurred. So, remove chalking and dust before recoating.
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 p assed this period.
Warning	Please refer to the warning in the appendix.
Application system	Subsequent topcoat : SUPERPOXY Series, SUPERTHANE 300BG, SPIFLON(S), etc.

Physical Data

Finish	Flat	Color	Grey
Applied over	Primed steel	Components	2
Volume Solid	Approximately 46%	Recommended Film Thickness	25~75 μm
Coats	1~2	Mixing Ratio A : B	4:1(vol)

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Recommended Coverage	6.13 m ² /L (@ D.F.T. 75μm) * Allow for application losses and surface irregularities.	Pot life(20°C)	8hrs
Dry times(20°C)	Dry through : 5hrs	Recoatible(20°C)	To topcoat(min/max) : 12hrs ~ 3months
Diluent	Thinner395, KoATHINNER123(S)	Shelf Life	12months (When stored indoors at 5~35°C)
Packing Unit	18L[14.4L/3.6L], 16L[12.8L/3.2L], 4L[3.2L/0.8L]		

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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