

High solid epoxy primer coating

# SUPERPOXY1375



**SUPERPOXY 1375 is a polyamide cured epoxy primer with high solids content designed for industrial and marine use in severe environmental condition. It is excellent primer in corrosive environments**

## Use

Used as a anticorrosive primer for non-immersion and anticorrosion of steel structures, pipes, tank exteriors, container, etc.  
Use Superpoxy130 for Immersion

## Application Method

<b>Method of use</b>	<p>1. Surface preparation Previously painted by inorganic zinc : All surfaces must be free of moisture, dust of cement, oil and any other contaminants Severe exposure : Blast in accordance with SSPC-SP10("Near White", SA 2 1/2) Mild exposure : Power tool cleaning in accordance with SSPC-SP3 is acceptable.</p> <p>2. Environmental Conditions 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> <p>3. Application Equipment Conventional or airless spray, power mixer Airless spray: Tip size-0.017~0.025 inch Output pressure-2100psi/143atm Thinning ratio: Up to 20%(Vol) (*Airless spray data are indicative and subject to adjustment)</p>
<b>Safety Precautions for application</b>	<p>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 -5°C) condition, avoid the painting. 3) When applied over inorganic zinc, a mist coat is required to reduce the bubbling. 4) 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. 5) When apply this paint to exposure region, it is possible to occur yellowing and chalking, so you have to apply good weather resistance topcoat. 6) When exposed long time, the chalking can be occurred. So, remove chalking and dust before recoating.</p>
<b>Safety Precautions for handling</b>	<p>1) Store it indoor (5~35°C) condition, avoiding heat and open flame. And, keep it standing and being closed. 2) When you dispose of it, follow the rules. 3) Use if in shelf life. Even if the shelf life passes by, it can be used after checking to our customer center. Because the paint can go deterioration and make settling.</p>
<b>Warning notice</b>	Please consult our enclosed here with warning
<b>Typical Systems</b>	Preceding primer(if necessary) : SUPERZINC190BG Subsequent topcoat: SUPERPOXY, SUPERTHANE, SPIFLON, etc.
<b>About law</b>	

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## Physical Data

<b>Finish</b>	Flat	<b>Color</b>	Grey and Others
<b>Applied over</b>	Primed steel, Blasted steel	<b>Components</b>	2
<b>Solids by volume</b>	About 75%	<b>Recommended D.F.T</b>	50~100 $\mu\text{m}$
<b>Coats</b>	1	<b>Mixing ratio(vol)</b>	1:1
<b>Theoretical Coverage</b>	10.0 $\text{m}^2/\text{L}$ (@ D.F.T. 75 $\mu\text{m}$ ) * Allow for application losses and surface irregularities.	<b>Pot life(20°C)</b>	4hrs (by 20% thinning)
<b>Drying time(20°C)</b>	Dry hard: 8hrs	<b>To topcoat(20°C)</b>	8hrs ~ 1month (min/max)
<b>Thinner</b>	SUPERTHINNER123(S), SUPERTHINNER123(W)	<b>Packing unit</b>	16L[8L/8L]
<b>Shelf life</b>	12months (when stored indoor at 5 ~ 35°C)		

\* Presented the technical data are changeable according to quality improvements or working conditions because they were acquired from the results of the laboratory tests and the scene of application.