High solid epoxy self-priming coating

SUPERPOXY 360AL

SAMHWA
삼화페인트

SUPERPOXY 360AL is a high performance general maintenance coating that can be applied to new or old steel, requiring only the removal of loose rust and scale. It contains special ingredients that wet the surface and penetrate any existing rust.

Usage

Most often used in those areas where blasting is impractical or impossible. Uses include steel structures in industrial facilities, bridges, tank exterior, etc.

Application Procedure

Procedure	1. Surface preparation
	   1) Steel Non-immersion: Prepare in accordance with SSPC-SP3 or SSPC-SP2
	        Immersion: Blast all surface in accordance with SSPC-SP10
	   2) Concrete: All surfaces must be free of moisture, dust of cement, oil and any other contaminants
	2. Environmental Conditions
	 Over 5℃ is ideal for painting and hardening.
	 The surface temperature must be at least 3℃ above the dew point to prevent moisture condensation.
	 Drying time can be different under -5℃.
	3. Application Equipment
	 Conventional or airless spray, power mixer, roller
	 Airless spray: Tip size-0.017~0.027inch
	              Output pressure-2100psi/143atm
	 Conventional spray :A moisture and oil trap in the air supply line, mechanical agitator are recommended.
	 Recommended thinning ratio: about 10%(Airless spray)

Caution for usage	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℃) condition. 3) When applied over inorganic zinc, a mist coat is required for removing pinhole and 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 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. 6) When applying this paint over old coating (Enamel), use Superthinner30. If thinning a lot, wrinkling can be occurred. 7) When applying this paint to exposure region, it is possible to occur yellowing and chalking, so you have to apply good weather resistance topcoat.
Caution for handling	1) Store it indoor (5~35℃) 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 : SUPERTHANE 300BG, SPIFLON(S), etc.

Physical Data

Finish	Semi-gloss	**Color**	Silver
Applied over	Steel, Galvanized steel, Old coating(Enamel)	**Components**	2
Volume Solid	Approximately 83%	**Recommended Film Thickness**	125~200 μm
Coats	1~2	**Mixing Ratio A : B**	1:1(vol)
Recommended Coverage	6.64 ㎡/L (@ D.F.T. 125㎛) * Allow for application losses and surface irregularities.	**Pot life(20℃)**	2hrs

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Dry times(20℃)	Dry through : 20hrs	Recoatable(20℃)	To topcoat(min/max) : 18hrs ~ 1months
Diluent	SUPERTHINNER 30, THINNER 395	Shelf Life	12months (When stored indoors at 5~35℃)
Packing Unit	18L[9L/9L], 4L[2L/2L]		