



RAINBOW

EPOXY ALLOY PRIMER

PRODUCT NUMBER	1020
TYPE	A two-pack, special alloy primer based on epoxy resin, hardener and special pigments.
USES	Used for galvanized steel, aluminum, alum-alloy metal, stainless steel and tile after cleaning.
CHARACTERISTICS	<ol style="list-style-type: none">1. Very fast drying with excellent adhesion.2. Very good adhesion with the galvanized steel, aluminum, stainless steel and tile.3. Very good resistance to corrosion and abrasion.4. The paint film exposed for a half year without ageing.
FINISH	Flat
COLOR	Yellowish Green 、 Gray (Gray does not contain heavy metal)
FLASH POINT	Above 20°C (68°F, mixture)
MASS DENSITY	Above 1.29 Kg/L (mixture)
VISCOSITY	Above 70~90 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 2 hrs. Dry hard 10 hrs. Fully cured 7 days. (25°C)
OPTIMUM FILM THICKNESS	Wet 100 microns Dry 50 microns
THEORETICAL COVERAGE	37.8 m ² /Gal 10.0 m ² /L 7.8 m ² /Kg
OVERCOATING INTERVALS	Min. 8 hrs. Max. 6 months
MIXING RATIO	Base : Hardener = 90 : 10 (by wt.)
NON-VOLATILE CONTENT	Above 65% (mixture)
POT LIFE	Above 6 hrs. (mixture, 25°C)
VOLUME SOLIDS	47±3%
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
SUBSEQUENT COATS	Epoxy, Polyurethane, Fluorocarbon system or others we suggested.
SURFACE TREATMENT	SIS Sa1, SSPC SP1, SSPC SP3 、 SSPC SP7
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush(for small areas only)
FOR AIRLESS SPRAY	Tip size Graco 617, 719 Air pressure 3~4 Kg/cm ² Viscosity 18~23 sec. (Ford Cup No.4)
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Avoid applying paint in rainy or humid weather particularly a wet surface must be thoroughly dried.3. All equipment must be cleaned immediately after use.4. The topcoat must be applied within overcoating intervals to avoid dirt effect the adhesion. If dirt is adhered on surface of paint film, the surface treatment must be done and then can be applied topcoat.5. Do not to be used in the lining of storage tank.

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