



# RAINBOW

## SOLVENTLESS EPOXY ANTICORROSION PAINT

PRODUCT NUMBER	EP-12
TYPE	A two-component, anticorrosion paint based on epoxy resin and special hardener with special pigment.
USES	Used for the steel structures of steel pipeline, steel frame, bridge and plant facilities etc to effectively protect substrate for a long-term.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. The paint is a solvent-free coating that can get high-build paint film to improve spray efficiency.</li><li>2. This paint has no those defects that easily produced from general high-build coatings, such as uneasy curing, sagging, blistering, cracking etc.</li><li>3. Very fast harden, especially suitable for the steel structure of continuous production</li><li>4. Excellent physical and chemical properties to improve life of substrates, and the solvent-less property meets green new trend.</li></ol>
FINISH	Gloss
COLOR	Gray
HIDING POWER	Above 20 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 1.5 Kg/L
DRYING TIME	Set-to-touch 2 hrs. (25°C)      Dry hard 4 hrs. (25°C) or 12 minutes (90°C)
SPRAY TEMPERATURE	55 ~ 60°C
OPTIMUM FILM THICKNESS	Wet 700 microns      Dry 700 microns
THEORETICAL COVERAGE	5.3 m <sup>2</sup> /Gal      1.4 m <sup>2</sup> /L      0.9 m <sup>2</sup> /Kg
MIXING RATIO	Base : Hardener = 2 : 1 ( by weight = by volume )
NON-VOLATILE CONTENT	Above 97%
POT LIFE	25°C: 40 minutes      60°C: 6 minutes
THINNER	No.1005 Epoxy Thinner (SP-12).
THINNING RATE	Only for cleaning tools
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray attached heat equipment
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio. Spray temperature was recommended to try more than 50°C, and air pressure is greater than 340 Kg/cm<sup>2</sup> to ensure base and hardener spraying evenly.</li><li>2. Moisture, grease, sludge, dust, corrosion and salt must be thoroughly removed from substrate.</li><li>3. Avoid applying the paint in rainy weather or the relative humidity exceeded 85%, particularly, a wet surface must be thoroughly dried.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. Thickness of paint film can not exceed 1500 microns by once spray to avoid sagging.</li></ol>

EPDM10EP12XX V1.0

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