



# RAINBOW

## EPOXY SHIELD COATING

PRODUCT NUMBER	SP-75
TYPE	Two-pack, high-solids paint based on epoxy resin and hardener with special pigment.
USES	Used for new building system or maintenance system of ship to the areas included cargo tanks, cargo holds, boottop and underwater.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent adhesion with the steel or galvanized steel.</li><li>2. Excellent resistance to abrasion and impact.</li><li>3. Outstanding low temperature curing.</li><li>4. Excellent water resistance, suitable for boottop system.</li><li>5. Suitable for storage tanks and oils tanks.</li><li>6. Easy to clean.</li></ol>
COLOR	Gray , Red Brown
FLASH POINT	Above 26°C
SPECIFIC GRAVITY	Above 1.5 Kg/L
DRYING TIME	Set-to-touch 3 hrs.                      Dry hard 10 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 180 ~ 240 microns              Dry 150 ~ 200 microns
VOLUME SOLIDS	About 84%
THEORETICAL COVERAGE	21.0~15.9 m <sup>2</sup> /Gal ( Dry : 150~200 microns )
OVERCOATING INTERVALS	Min. 10 hrs. (25°C)              Max. 14 days
MIXING RATIO	Base : Hardener = 84 : 16 (by wt.)
POT LIFE	1 hr. (25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10%
SUBSEQUENT COATS	Epoxy, PU, Acrylic, Alkyd, CR, Vinyl, Fire-retardant paints
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray, Brush, Roller
FOR AIRLESS SPRAY	Tip Size 0.021~0.027                      Pump Ratio 45:1 or greater
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Moisture, greases, sludge, dust, old paint and rust must be thoroughly removed from substrate.</li><li>3. The surface of steel must be sand blasted to ISO Sa 2 1/2 or water jet treated to VIS WJ 2/3.</li><li>4. The surface of shop primer must be sweep blasting to ISO Sa 2 1/2 or St3.</li><li>5. Avoid applying the paint in rainy weather or the relative humidity exceed 85% or ambient temperature below 5°C or surface temperature of substrate below the dew point 3°C.</li><li>6. When applying, sufficient ventilation must be provided.</li></ol>

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