



# RAINBOW

## HIGH BUILD FLUORO CARBON PAINT

PRODUCT NUMBER	No.54HB
TYPE	A two-pack high-build colored paint based on fluoro resin with non-yellowing polyisocyanate hardener.
USES	Used for ships, vehicles, wood products, F.R.P. and steel structures such as bridges, refineries, power plants, pulp mills, chemical plants etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High gloss, 60 microns paint film with one coat.</li><li>2. Excellent weather resistance.</li><li>3. Excellent chemicals resistance.</li><li>4. Excellent resistance to adhesion, flexibility and abrasion.</li><li>5. Easy application.</li></ol>
COLOR	Desired colors
FLASH POINT	20°C (68°F)
MASS DENSITY	Above 1.0 Kg/L (mixture)
VISCOSITY	70~130 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr. Dry hard 8 hrs. (25°C)
OVERCOATING INTERVALS	Min. 4 hrs. Max. 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 105 microns Dry 60 microns
VOLUME SOLIDS	Above 50% (mixture)
THEORETICAL COVERAGE	36.0 m <sup>2</sup> /Gal 9.5 m <sup>2</sup> /L 6.7 m <sup>2</sup> /Kg
THINNER	No.5400S Yungflon Thinner
THINNER RATE	10~20% (by wt.)
PRECEDING COAT	No.1007 Epoxy Red Lead Primer (EP-01) No.1009 Epoxy Red Oxide Primer (EP-02) No.1006 Epoxy Zinc Rich Primer (EP-03) No.1050 Epoxy M.I.O. Primer (EP-20) No.1061 High Solids Epoxy Coating (EP-999) No.1061GF Epoxy High Solids Glass Flake Coating No.700 Moisture Cured Polyurethane Maintenance Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
MIXING RATIO	Base : Hardener = 90 : 10
POT LIFE	8 hrs. (mixture, 25°C)
APPLICATION METHOD	Airless spray, brush, roller
FOR AIRLESS SPRAY	Tip Size 0.019"~0.023" Air Pressure 4~6 Kg/cm <sup>2</sup> Pump Ratio 33 : 1 or greater
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to mixing ratio and stir it thoroughly.</li><li>2. Avoid applying paint in rainy or humid weather (above 85% R.H.). Especially, a wet surface must be thoroughly dried before painting.</li><li>3. All the equipment must be cleaned thoroughly after use.</li><li>4. When used inside tanks, sufficient ventilation must be provided.</li><li>5. When overcoating interval is exceeded, paint surface must be roughened to insure adhesion.</li><li>6. Can of hardener must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.</li></ol>

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