



# RAINBOW

## YUNG FLON PAINT

PRODUCT NUMBER	No.5400F
TYPE	A two-pack, topcoat based on fluorocarbon resin and non-yellowing polyisocyanate hardener.
USES	Used for vehicles, building materials, metal, FRP, bridges, steel or concrete structures etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. It is the currently most new and most value synthetic resin coating, with excellent resistance to weather, chemicals and contamination.</li><li>2. Durability are far longer than many general paints.</li><li>3. High gloss finish and smooth appearance.</li><li>4. Excellent adhesion, hardness and abrasion resistance.</li></ol>
FINISH	Above 70%
COLOR	Refer to colors card
FLASH POINT	20°C (68°F)
MASS DENSITY	Above 1.0 Kg/L (mixture, 25°C, depending on colors)
VISCOSITY	60~90 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 30 mins.    Dry hard 6 hrs.    Fully cure 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 75 microns    Dry 30 microns
THEORETICAL COVERAGE	53.0 m <sup>2</sup> /Gal    13.3 m <sup>2</sup> /L    13.3 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 12 hrs.    Max. 30 days.
MIXING RATIO	Base : Hardener = 90 : 10 (by wt.)
NON-VOLATILES CONTENT	Above 50% (mixture)
POT LIFE	6 hrs. (Mixture, 25°C)
TEMPERATURE RESISTANCE	Continuous 93°C    Intermittent 121°C
THINNER	No.5400S YungFlon Thinner
THINNER RATE	15~30% (by wt.)
PRECEDING COAT	Inorganic Zinc-rich Primer & Epoxy Primer
SUBSEQUENT COAT	No.5302F Yung Flon Clear Varnish
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray.
AIRLESS SPRAY	Tip GRACO 615~619 Air Pressure 3~6 Kg/cm <sup>2</sup> Compression ratio 45 : 1, 30 : 1, 23 : 1
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to mixing ratio and stir it thoroughly.</li><li>2. Adhered moisture, grease, dirt, rust and corrosive salts on substrate must be cleaned thoroughly.</li><li>3. Specified thinner should be used to prevent bubble and pinhole.</li><li>4. The cover of hardener barrel must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.</li><li>5. Due to limit of available time, the mixture of base and hardener must be used up within pot life.</li><li>6. Paint application must follow specified film thickness to prevent bubble from occurring.</li><li>7. All the equipment must be cleaned thoroughly after used.</li></ol>

EPDM185400FX V1.4

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