



# RAINBOW

## MAINTENANCE PAINT FOR PRECOATED STEELS

PRODUCT NUMBER	488
TYPE	Maintenance paint based on the high weather resistant resin with special weather resistant pigment.
USES	Used for pre-coated steels to maintenance or to renew colors, such as coil steel, corrugated iron and other metals etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. One component, easy application, shortened procedure and save time.</li><li>2. Smooth surface, excellent adhesion, very fast drying.</li><li>3. Excellent resistance to weather, alkalis and water.</li><li>4. Tough film with good abrasion resistance.</li></ol>
COLOR	Desired colors or refer to the colors card
MASS DENSITY	Above 1.02 Kg/L
DRYING TIME	Set-to-touch 1 hr.                      Dry hard 3 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 70 microns                      Dry 30 microns
OVERCOATING INTERVALS	Approx. 1 hr. (summer)              3 hrs. (winter) (25°C)
THEORETICAL COVERAGE	53.0 m <sup>2</sup> /Gal                      14.0 m <sup>2</sup> /L
NON-VOLATILE CONTENT	Above 50.0%
THINNER	No.807 Xylene
THINNING RATE	0~10%
PRECEDING COATS	No.1452 C. R. M.I.O. Primer              No.1018 Galvanizing Paint
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Spray, Brush, Roller.
NOTE	<ol style="list-style-type: none"><li>1. Pretreatment:<ol style="list-style-type: none"><li>(1) Adhered dust, grease and dirt on substrate must be cleaned thoroughly by detergent for large area, by solvent for small area, and then can be applied.</li><li>(2) Old paint film: its surface must be cleaned thoroughly by high jet water, and then can be applied.</li><li>(3) Smooth paint film: its surface must be roughed by 120~400 mesh of sand paper, and then can be applied.</li><li>(4) Substrate of corrosion: its surface must be treated with surface preparation of substrate of corrosion, and then can be applied primer and topcoat.</li></ol></li><li>2. Avoid applying the paint in substrate temperature low to 10°C or the relative humidity exceed 85%.</li><li>3. After construction, avoid stack or heavy press the plates, to prevent causing sticky-back phenomenon.</li><li>4. Avoid obtaining high build paint film at one time, high build paint film can cause dry surface and inside wet to affect the adhesion.</li><li>5. Due to pre-coated steels have a wide of varieties in the market, such as coil steel, corrugated iron and other metals etc, so the paint do not recommend to be used in PVDF system of pre-coated steels. If need, we suggest to proceeding small area test for adhesion before applying.</li></ol>

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