



RAINBOW

SOLVENT FREE POLYURETHANE SPRAY COATING

PRODUCT NUMBER	UP-300
TYPE	Two component solvent free anti-corrosion coating based on polyol resin and polyisocyanate hardener.
USES	Used for metal and concrete substrates anti-corrosion protection.
CHARACTERISTICS	<ol style="list-style-type: none">1. 100% volume solid, no VOC emissions.2. Excellent anti-corrosion and resistance to chemicals.3. Excellent hardness, tensile strength, abrasion resistance and adhesion to steel.4. Use special spray equipment to apply fast seamless coating. The thickness can be 2mm.
COLOR	Blue and desired color.
DENSITY	1.12 kg/L (mix, 25 °C)
VISCOSITY	400 mPa.s (Base, 25 °C) 650 mPa.s (Hardener, 25 °C)
DRYING TIME	Set-to-touch 3 min. Dry hard 30 min. Full cured 7 days (25 °C)
OPTIMUM FILM THICKNESS	500 μ m - 2000 μ m
THEORETICAL COVERAGE	7.57 m^3/Gal / 2.0 m^2/L / 1.79 m^2/kg (DFT=500 μ m) 1.89 m^3/Gal / 0.5 m^2/L / 0.45 m^2/kg (DFT=2000 μ m)
MIX RATIO	1:1 (by Volume)
NON-VOLATILE MATTER	Above 99 %
POT LIFE	20 Sec (100mL mix, 25 °C)
THINNER	Do not use
PRIMER COATINGS	UP-202 or epoxy primer
TOP COATINGS	Polyurethane coatings, fluorocarbon coatings.
STORAGE SHELF LIFE	12 months under normal storage conditions.
APPLICATION METHOD	Professional high pressure impacts for mixing spray machine.
NOTE	<ol style="list-style-type: none">1. Stir base thoroughly before application.2. Steel surface treatment: sand blasting to Sa 2 1/23. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly4. Mix base and hardener according to the mixing ratio and stir thoroughly.5. Application environment must be in below 80% RH and steel temperature is higher than dew point 3 °C.6. Avoid storage in high temperature and high humidity environment.

EPDM71UP300X V1.2

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