



RAINBOW

SOLVENT FREE POLYUREA ELASTOMER COATING

PRODUCT NUMBER	UP-120
TYPE	A two-pack, solvent-less waterproof and anticorrosion coating based on amino-terminated resin and polyisocyanate hardener.
USES	Used for anticorrosion to various harsh corrosive environments and waterproof to concrete roofs. Particularly used for anticorrosion to harbor or pier's iron pickets (plates) in tidal zone, as to prevent spilling of lost electric current and peeling of cathodic anticorrosion.
CHARACTERISTICS	<ol style="list-style-type: none">1. Use special spray equipments, fast seamless application, above 2 mm paint film with one coat spray.2. Excellent anticorrosion, resistance to various harsh environments.3. Excellent resistance to chemicals and sea water, it's a good spray type's waterproof paint.4. Excellent adhesion and resistance to impact, weather, tensile, high tear strength and abrasion.5. Excellent insulation to prevent spilling of lost electric current.
COLOR	Gray, Black or desired colors
SPECIFIC GRAVITY	1.02 ~ 1.12 Kg/L (mixture)
DRYING TIME	Gel 10 ~ 20 sec. Dry hard 45 ~ 100 sec. Fully cured 7 hrs . (25 °C)
OPTIMUM FILM THICKNESS	0.4 mm ~ 3 mm
VOLUME SOLIDS	100%
THEORETICAL COVERAGE	0.43 Kg/m ² (DFT : 0.4 mm) 2.1 Kg/m ² (DFT : 2 mm)
THINNER	Do not use.
CLEANING TOOLS	No. 736 Polyurethane thinner
MIXER RATE	Base : Hardener = 1 : 1 (by volume)
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Professional high pressure impacts for mixing spray machine (We also provide professional information.)
NOTE	<ol style="list-style-type: none">1. Surface treatment<ol style="list-style-type: none">(a) Steel: sand blasting to Sa 2 1/2.(b) Concrete: remove protruding objects, debris, mud, oils and moisture.2. Primer: UP-201 / UP-202 or UP-204.3. Mix base and hardener according to the mixing ratio and stir thoroughly.4. All equipments must be cleaned immediately after use.5. The application finished three hours later, it must begin to check dry film thickness, pinhole and coating surface.6. If generate pinholes or bad curing, please repair according to the application procedures.

EPDM71UP120X V1.0

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