



# RAINBOW

## SOLVENT FREE POLYUREA ELASTOMER COATING

PRODUCT NUMBER	UP-200
TYPE	A two-pack, solvent-less elastomer coating based on solvent-less special resin/ amine chain extenders and solvent-less polyisocyanate hardener .
USES	Used for concrete and steel structures, Such as bridges, roofs, basement, parking lot, stadium, ponds, water pipes, storage tank, docks, tunnels etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Use special spray equipments to resch fast seamless application, above 2 mm paint film with one coat spray.</li><li>2. Excellent waterproof, resistance to various harsh environments.</li><li>3. Excellent resistance to chemicals and sea water, it's a good spray type's waterproof paint.</li><li>4. Excellent adhesion and resistance to impact, high temperature aging, weather, tensile, 400% high elasticity, high tear strength and abrasion.</li></ol>
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 <sup>2</sup> ( DFT : 0.4 mm )      2.1 Kg/m <sup>2</sup> ( 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"><li>1. Surface treatment<ol style="list-style-type: none"><li>(a) Steel: sand blasting to Sa 2 1/2.</li><li>(b) Concrete: remove protruding objects, debris, mud, oils and moisture.</li></ol></li><li>2. Primer: UP-201 / UP-202 or UP-204.</li><li>3. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>4. All equipments must be cleaned immediately after use.</li><li>5. The application finished three hours later, it must begin to check dry film thickness, pinhole and coating surface.</li><li>6. If generate pinholes or bad curing, please repair according to the application procedures.</li></ol>

EPDM71UP200X V1.3

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