



# RAINBOW

## HIGH SOLIDS EPOXY COATING

PRODUCT NUMBER	1061 (EP-999)
TYPE	A two-pack, high solids paint based on epoxy resin dual-use as a topcoat or primer.
USES	Used for ships, bridges, storage tanks and general steel structures to dual-use as topcoat or primer.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film with excellent abrasion resistance.</li><li>2. Excellent water resistance.</li><li>3. With good penetration and inclusive on wet or rust surface of steel.</li><li>4. Excellent resistance to oils and chemicals</li><li>5. Can be coated in or can be coated with a variety of coatings, the best service and green paint.</li><li>6. Suitable used for the cereal tanks.</li></ol>
FINISH	Semi-flat
COLOR	White · gray · brown and Silver
FLASH POINT	Above 14°C (57°F)
SPECIFIC GRAVITY	1.30 (mixture) 1.10 (silver)
VISCOSITY	100~120 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 8 hrs. Fully dried 7 days
FILM THICKNESS	Wet 171~282 microns (6.2~10.0 mil) Dry 125~200 microns (5.0~8.0 mil)
VOLUME SOLIDS	71±3%
THEORETICAL COVERAGE	3.5~5.8 m <sup>2</sup> /L
OVERCOATING INTERVALS	Min. 12 hrs.
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10%
PRECEDING COATS	No.1006 Epoxy Zinc rich Primer (EP-03) No.1011 Inorganic Zinc Rich Primer (IZ-01) No.700 One-pack Polyurethane Maintenance Primer No.1020 Epoxy Alloy Primer No. 1075 Epoxy Aluminum Tripolyphosphate Primer
SUBSEQUENT COATS	Epoxy, Vinyl, PU or CR system
MIXING RATIO	Base: Hardener = 87: 13 (by wt.)
POT LIFE	2 hrs. (mixture, 25°C)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
FOR AIRLESS SPRAY	Tip size 0.021" ~ 0.029" Air pressure 5 ~ 6 Kg/m <sup>2</sup> Pump ratio 33 : 1 or greater
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. All equipment must be cleaned immediately after use.</li><li>3. When used inside tanks, and sufficient ventilation must be provided.</li></ol>

EPDM101061XX V1.5

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