HIGH-SOLIDS AMINE-CURED EPOXY

PRODUCT NUMBER	4556 (EP-4556E)
TYPE	A two pack, high-solids coating based on Bisphenol A epoxy resin / polyamine resin with anticorrosive pigment.
USES	1. Used for the cement substrate, the steel structures of ship, bridge, steel frame, tank, factory equipment etc. 2. Especially suitable for steel tank lining used to storage water, alkali liquid, salt solution, chemical material and gasoline.
CHARACTERISTICS	1. Tough and hard film, rich flexible and adhesion.. 2. Excellent chemicals resistance, especially in water, alkali liquid, petroleum and organic solvents. 3. Excellent resistance to abrasion, impact and electrical insulation. 4. Excellent resistance to the penetration of moisture and corrosive gases. 5. Excellent resistance to gasoline, diesel, JP-4, JP-8, naphtha and airplane jet fuel. 6. High solids and low VOC.
COLOR	White, ivory
MASS DENSITY	Above 1.45 Kg/L (mixture)
VISCOSITY	75~90 KU (mixture, 25℃)
DRYING TIME	Set-to-touch 5 hrs. Dry hard 18 hrs. Fully cured 7 days (25℃)
OPTIMUM FILM THICKNESS	Wet 156~234 microns Dry 100~150 microns
THEORETICAL COVERAGE	16.1~24.2 ㎡/Gal 4.27~6.41 ㎡/L
OVERCOATING INTERVALS	Min. 16 hrs. (25℃)
APPLYING COATING LAYERS	2 costs
MIXING RATIO	Base : Hardener = 4 : 1 (by vol.) = 87.2 : 12.8 (by wt.)
NON-VOLATILE CONTENT	75% (mixture)
VOLUME SOLIDS	61~67% (mixture)
THINNER	No.1005 Epoxy Thinner (SP-12)
POT LIFE	4 hrs. (mixture, 32℃)
ABRASION RESISTANCE	Excellent
FLASH POINT	46℃ (mixture)
HEAT RESISTANCE	Continuous 93℃ Intermittent 121℃
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray, Brush, Roller
NOTE	1. Adhered grease, dust and sand on substrate must be removed thoroughly. The surface of steel must be blast-cleaned to SSPC-SP-10. 2. Mix base and hardener according to the mixing ratio and stir thoroughly then keep static about 30 minutes before use. 3. The thinning rate of solvent for brush or roller use is 5~10% by weight, and for spray use is 10~15% by weight. 4. When applied, please wear gloves to avoid skin to touch, accidentally when the mouth, nose or eye touch, immediately wash with water. 5. Paint and solvent are flammable must be kept away from the fire. 6. When used inside tanks, sufficient ventilation must be provided.

YUNG CHI PAINT & VARNISH MFG. CO., LTD.
No.26,Yen Hai 3rd Road, Kaohsiung, Taiwan. TEL:886-7-8713181
http://www.rainbowpaint.com.tw FAX:886-7-8715443