



# RAINBOW

## EPOXY SPLASH ZONE CLADING

PRODUCT NUMBER	1085
TYPE	A two-pack, high performance coating based on solvent-less putty-like epoxy resin and hardener with additives, it can self-curing in the water for protection against the corrosion.
USES	Used for the splash zone of coast and harbor facilities, or for the steel and concrete of the underwater area.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Can easy to apply in water with good adhesion.</li><li>2. Minimal shrinkage after drying, no pinhole, and once is complete.</li><li>3. Excellent resistance to abrasion and impact.</li><li>4. Excellent resistance to sea water, alkalis and solvents.</li></ol>
FINISH	Flat
COLOR	Blue, black
MASS DENSITY	Above 1.5 Kg/L (mixture)
VISCOSITY	Paste (mixture)
DRYING TIME	Set-to-touch 1 hr.    Dry hard 3 hrs.    Fully cured 7days (25°C)
OPTIMUM FILM THICKNESS	Above 5 m/m
OVERCOATING INTERVALS	Min. 4 hrs.
MIXING RATIO	Base : hardener = 25 : 18 (by wt.)
VOLUME SOLIDS	100%
THEORETICAL COVERAGE	8.0 Kg/m <sup>2</sup> @ 5 m/m
THINNER	No.1005 Epoxy Thinner (SP-12) (Only for cleaning tools)
THINNING RATE	Not available
POT LIFE	30 minutes (mixture, 25°C)
SURFACE TREATMENT	Steel: Removed all loose rust, soil, grease and other dirt from substrate, using power tools to reach SIS St3 or by manual way to reach SIS St2, or by dry blasting to reach SIS Sa 2 1/2 for very serious environmental conditions, wet blasting can also. Concrete: Remove all grease, other dirt from surface, or to treat with sand blasting.
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Manual troweling, hand applying
NOTE	<ol style="list-style-type: none"><li>1. All equipment must be cleaned before use.</li><li>2. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>3. Paint in the stirring can not be mixed with sea water or tap water.</li><li>4. Use wet hands to take a small amount of mixture to smear evenly on the substrate (wetting the manual method).</li><li>5. The surface of steel, aluminum, stainless steel or cement substrate must have apposite roughness.</li><li>6. All substrate must be cleaned thoroughly without any dirt to affect adhesion.</li><li>7. All equipment must be cleaned immediately after use.</li></ol>

EPDM101085XX V1.0

# YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.  
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181  
FAX:886-7-8715443