



# RAINBOW

## EPOXY HIGH SOLID TANK LINING COATING

PRODUCT NUMBER	EP-80HS
TYPE	A two-pack, high-solid lining coating based on epoxy phenolic resin with special pigments.
USES	Used for the tank lining such as cement, bridges, storage tanks, pipelines, petrochemical plants, steel structures etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Two-pack type epoxy phenolic resin coating special designed for tank lining.</li><li>2. Excellent water resistance, withstand hot water up to 60°C.</li><li>3. Excellent resistance to oils and chemicals.</li><li>4. Suitable for use to protect the tank lining of cement and steel structure.</li></ol>
COLOR	Light gray, white
FLASH POINT	Above 28°C
MASS DENSITY	Above 1.4 Kg/L (mixture)
DRYING TIME	Set-to-touch 1.5 hrs.      Dry hard 8hrs.      Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 167 microns      Dry 100 microns
VOLUME SOLIDS	Above 60%
THEORETICAL COVERAGE	22.3 m <sup>2</sup> /Gal      5.9 m <sup>2</sup> /L      4.2 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 4 hrs. (25°C)
MIXING RATIO	Base : Hardener = 87 : 13 (by wt.)
POT LIFE	4 hrs. (mixture, 25°C)
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Airless spray
FOR AIRLESS SPRAY	Tip Size      0.017" ~ 0.023" Air Pressure      5 ~ 6 Kg/cm <sup>2</sup> Pump Ratio      45 : 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. Adhered moisture, grease, dust and rust on substrate must be cleaned thoroughly.</li><li>3. Avoid applying the paint in rainy or humid above 85% R.H., particularly a wet surface must be thoroughly dried.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. The paint must be stored in ventilation and shade place, so do not place the paint in outdoor to exposure the sun, to avoid effect the quality of paint.</li><li>6. The usage amount of thinner depends on surface temperature of substrate to decide add or reduce. When temperature dropped, the usage amount of thinner was possible need to be increased.</li></ol>

EPDM10EP80XX V1.0

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