



# RAINBOW

## EPOXY LINING

PRODUCT NUMBER	1040 (EP-18-1)
TYPE	A two pack, anti-corrosive paint based on epoxy resin and special hardener with acid and alkali resistant pigments.
USES	Used for the lining of cement or steel drainpipes and the surface of steel or cement to resist acids and alkalis.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent resistance to water, sea water and industrial sewage.</li><li>2. Excellent resistance to mechanical damage.</li><li>3. Excellent resistance to oils, chemicals and corrosion.</li><li>4. Hard, smooth film and good adhesion.</li><li>5. 300 <math>\mu</math> film can be obtained by one coat spray, and no sagging and saving man-hour.</li></ol>
FINISH	Gloss
COLOR	Light and dark grey
HIDING POWER	Above 15 $m^2/L$ (mixture)
MASS DENSITY	Above 1.35 Kg/L (mixture)
VISCOSITY	Paste (mixture, 30°C)
DRYING TIME	Set-to-touch 2 hrs.    Dry hard 8 hrs.    Fully Cured 7 days    (25°C)
OPTIMUM FILM THICKNESS	Wet 325 microns    Dry 300 microns
THEORETICAL COVERAGE	2.0 $m^2/Kg$ 3.0 $m^2/L$
OVERCOATING INTERVALS	Min. 6 hrs.    Max. 3 days    (25°C)
APPLYING COATING LAYERS	3 coats
MIXING RATIO	Base : hardener = 77.5 : 22.5 (by wt.)
POT LIFE	30 minutes (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
PRECEDING COATS	No.1073 Epoxy Clear Cement Primer
NON-VOLATILE CONTENT	Above 95% (mixture)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Brush (only for small areas repairing), Airless spray, Roller
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, and dirt on substrate must be cleaned thoroughly.</li><li>3. Due to the darker color of the hardener, the original color of base paint will be affected after mixing. The paint film exposed to the sun for a long-term does have yellowing phenomenon that is without affect the quality of paint film.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. Avoid applying the paint in rainy weather or humidity above 85% RH, particularly a wet surface must be thoroughly dried.</li><li>6. When used inside tanks, sufficient ventilation must be provided.</li><li>7. When overcoating interval is exceeded, paint surface must be roughened to ensure adhesion.</li></ol>

EPDM101040XX V1.1

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