



# RAINBOW

## EPOXY WATER WORKS COATING (JWWA K-135)

PRODUCT NUMBER	1058															
TYPE	A two-pack, high-build tank lining paint based on special epoxy resin and hardener with water resistant pigment.															
USES	Used for water tanks, fresh water tanks, farm tanks, steel pipes and cement pipes, and also suitable for ship cargo hold, crude oil tanks, ballast tanks and fresh water tanks etc.															
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High build (125<math>\mu</math> film can be obtained by one coat spray).</li><li>2. Tough, hard and high abrasion resistance.</li><li>3. Excellent resistance to water, oils and mild chemicals.</li><li>4. Meet JWWA K135 in 2007 version.</li></ol>															
FINISH	Gloss															
COLOR	Grey															
FLASH POINT	Above 25 $^{\circ}$ C (mixture)															
MASS DENSITY	Above 1.35 Kg/L (mixture)															
VISCOSITY	90~100 KU (mixture, 25 $^{\circ}$ C)															
DRYING TIME	Set-to-touch 1hr. Dry hard 4 hrs. Fully Dry 7days (25 $^{\circ}$ C, RH=75%)															
OVERCOATING INTERVALS	Min. 8 hrs. Max. 5 days (25 $^{\circ}$ C) or 3 days (30 $^{\circ}$ C)															
OPTIMUM FILM THICKNESS	Wet 230 microns Dry 125 microns															
THEORETICAL COVERAGE	16.2 m <sup>2</sup> /Gal 4.3 m <sup>2</sup> /L 3.3 m <sup>2</sup> /Kg															
MIXING RATIO	Base : hardener = 90 : 10 (by wt.)															
NON-VOLATILE CONTENT	Above 70% (mixture)															
HEAT RESISTANCE	Continuous 93 $^{\circ}$ C															
THINNER	No.1005 Epoxy Thinner (SP-12)															
THINNING RATE	0~15% (cleaning tools excluded)															
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.															
APPLICATION METHOD	Airless Spray, Brush, Roller															
SURFACE PREPRATION	Steel: sand blasting to SIS Sa 2 1/2 and above Concrete: sand sweeping or with suitable roughness															
PAINTING SYSTEM	<table><thead><tr><th></th><th><u>Primer</u></th><th><u>Middle</u></th><th><u>Topcoat</u></th><th><u>Total</u></th></tr></thead><tbody><tr><td>Steel</td><td>No.1009 (50<math>\mu</math>)</td><td>No.1058 (100<math>\mu</math>)</td><td>No.1058 (100<math>\mu</math>)</td><td>250<math>\mu</math></td></tr><tr><td>Concrete</td><td>No.1073 (25<math>\mu</math>)</td><td>No.1058 (125<math>\mu</math>)</td><td>No.1058 (125<math>\mu</math>)</td><td>275<math>\mu</math></td></tr></tbody></table>		<u>Primer</u>	<u>Middle</u>	<u>Topcoat</u>	<u>Total</u>	Steel	No.1009 (50 $\mu$ )	No.1058 (100 $\mu$ )	No.1058 (100 $\mu$ )	250 $\mu$	Concrete	No.1073 (25 $\mu$ )	No.1058 (125 $\mu$ )	No.1058 (125 $\mu$ )	275 $\mu$
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NOTES	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Avoid applying the paint in rainy weather or humidity above 85% RH, particularly a wet surface must be thoroughly dried.</li><li>3. When used inside tanks, sufficient ventilation must be provided.</li><li>4. When applied in farm tanks, the conditions of applying must be obeyed, and the self test is necessary for farm tanks before use.</li></ol>															

EPDM101058XX V1.2

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