



# RAINBOW

## WATER-BASED EPOXY ANTI-MILDEW PAINT

PRODUCT NUMBER	500-4
TYPE	A two-pack, high quality anti-mildew paint based on water-based acrylic resin with weather resistant pigment and high performance anti-mildew agent.
USES	Used for substrate surface, such as concrete, cement walls, brick walls, steel structures, aluminum etc to prevent mildew growth, especially suitable for food plant, refrigeration plant, hospital or parking lot to use in internal walls.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Water-base, without pollution.</li><li>2. Excellent adhesion and resistance to water, chemicals and corrosion.</li><li>3. Excellent resistance to weather, dust and dirt.</li><li>4. Meet JIS Z 2911 specifications.</li></ol>
FINISH	Flat, semi-gloss
COLOR	White or light colors
HIDING POWER	Above 10.0 m <sup>2</sup> /L
MASS DENSITY	Above 1.05Kg/L
VISCOSITY	70~100 KU (25°C)
DRYING TIME	Set-to-touch 2 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 90 microns                      Dry 35 microns
THEORETICAL COVERAGE	42.0 m <sup>2</sup> /Gal                      11.1 m <sup>2</sup> /L                      @DFT 35 microns
OVERCOATING INTERVALS	Min. 18hrs. (25°C)
POT LIFE	Above 24hrs. (mixture, 25°C)
NON-VOLATILE CONTENT	Above 45% (depending on colors)
MIXING RATIO	Base : hardener = 1 : 8 (by vol.)
THINNER	Tap water
THINNING RATE	5~10%
PRECEDING COATS	Cement wall: No.410-1, No.1073 Steel: No.1027, No.1075 Aluminum: No.500P, No.1020
PAINTING SYSTEM	Concrete: 1. No.410-1 / No. 500-4 / No.500-4 2. No.1073 / No.1002 / No. 500-4 / No.500-4 Steel: 1. No.1027 / No.1009 / No. 500-4 / No.500-4 2. No.1075 / No.1075 / No. 500-4 / No.500-4 Aluminum: 1. No.500P / No. 500-4 / No.500-4 2. No.1020 / No. 500-4 / No.500-4
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller.
NOTE	<ol style="list-style-type: none"><li>1. Before application, stir paint evenly, and when paint is too thick, the tap water within specified quantity can be added.</li><li>2. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.</li><li>3. The application must be waited for 2 to 3 weeks until the walls were completely dry off and the moisture content under 12%, because the new constructed cement walls contain a lot of moisture and free alkaline substances that may reduce paint film performance and adhesion.</li></ol>

EPDM4105004X V1.0

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