



# RAINBOW

## WATER-BASED ELASTOMERIC COATING

PRODUCT NUMBER	421
TYPE	The paint based on excellent water and alkali resistant water-based acrylic resin with weather resistant pigment and filler.
USES	Decorative and waterproof protective paint used for exterior wall of concrete buildings.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent elasticity, paint film can remain intact even if there is slight of cracks on cement wall so can to reach waterproof function.</li><li>2. Excellent weather resistance.</li><li>3. Very good resistance to water and alkalis, and meets CNS 4940 specification.</li><li>4. Elongation is up to 200% and above.</li></ol>
GLOSS	Above 55% (depending on colors)
COLOR	Light colors, white, vine yellow, silver gray, ivory yellow, ivory
MASS DENSITY	Above 1.0 Kg/L
VISCOSITY	100~140 KU (25°C)
DRYING TIME	Set-to-touch 1 hr.      Dry hard 6 hrs. (25°C, RH = 60%)
OPTIMUM FILM THICKNESS	Wet 180 microns      Dry 80 microns
THEORETICAL COVERAGE	20.5 m <sup>2</sup> /Gal      5.5 m <sup>2</sup> /L @DFT: 80 microns
OVERCOATING INTERVALS	Min. 6 hrs.
THINNER	Tap Water
THINNING RATE	0~5%
PRECEDING COATS	No.467 Water Base Penetrating Waterproof Sealer (No.467 matched with No.467AD to use has better effects.)
STORAGE SHELF LIFE	Minimum 2 years under normal storage conditions.
APPLICATION METHOD	Spray, Brush, Roller ( Application has to be by two-coat or three-coat, suggested DFT at least 250 microns and above. )
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. The application must wait 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><li>3. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.</li></ol>

EPDM410421XX V1.3

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