



# RAINBOW

## ACRYLIC EMULSION PAINTS

PRODUCT NUMBER	406 / 407 / 408 / 409
TYPE	The emulsion paint based on excellent water and alkali resistant water-based acrylic resin with special pigments and additives.
USES	Decorative and protective paint used for interior or exterior walls of office buildings, hotels, public areas, hospitals, shops and villa residences etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. The use of water as the solvent without pollution and fire danger.</li><li>2. Use water as a dilution to be able to reduce the construction cost.</li><li>3. Tough film with good appearance.</li><li>4. Excellent weather resistance, exposing to the sun without chalking.</li><li>5. Excellent resistance to water and alkali.</li></ol>
FINISH	Flat, gloss
COLOR	Desired colors
HIDING POWER	Above 8.0 m <sup>2</sup> /L (depending on colors)
MASS DENSITY	Above 1.0 Kg/L (depending on colors)
VISCOSITY	Above 70 KU (25°C)
DRYING TIME	Set-to-touch 1/2 hr.                      Dry hard 2 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 85 microns                      Dry 35 microns
THEORETICAL COVERAGE	44.5 m <sup>2</sup> /Gal                      11.8 m <sup>2</sup> /L
OVERCOATING INTERVALS	Min. 3 hrs.
NON-VOLATILE CONTENT	White: above 50%      Others: above 45%
THINNER	Tap water
THINNING RATE	5~10%
PRECEDING COATS	No.467 Water-based Penetrating Waterproof Sealer ( No.467 matched with No.467AD used to have better effects. )
STORAGE SHELF LIFE	Minimum 3 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 red, #18 yellow and #19 yellow should be used alone, don't use them to mix with other colored paints, if required, please use No.411~412 Acrylic Emulsion Paints to avoid color fading.</li><li>4. 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. After applying the primer, the topcoat can be applied.</li><li>5. Avoid construction when it is rainy or atmospheric relative humidity is above 85RH, especially when the surface is wet, it must be completely dried; It can be applied only when the surface temperature is between 5°C ~ 40°C.</li></ol>

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