



RAINBOW

WATER-BASED EPOXY TYPE COATING

PRODUCT NUMBER	1030 SUPER
TYPE	A two-component, water-based clear coat composed of a water-based specialty epoxy resin hardener and an epoxy resin.
APPLICATIONS	A versatile, eco-friendly coating for waterproofing and bonding applications on cement and concrete products.
CHARACTERISTIC	<ol style="list-style-type: none">1.Excellent water and alkali resistance.2.The coating is tough and durable with great adhesion.3.Highly compatible with solvent-based and solvent-free epoxy resins and polyurethanes (PU).4.In addition to its use as a primer, it can be combined with a specialized aggregate to create a dense and smooth coating layer.5.When paired with a dedicated water-based polyurethane topcoat, it provides a weather-resistant, abrasion-resistant, and easy-to-clean surface.6.It can be mixed with a special aggregate to achieve a self-leveling and smooth surface, making application easy.7.It functions as a primer, an intermediate mortar layer, and an interior topcoat (by adding color paste separately), making it a versatile, water-based, and eco-friendly paint suitable for use as a primer, intermediate coat, and topcoat.
COLOR	Clear with a faint yellow cast.
SPECIFIC GRAVITY	≥ 0.9 kg/L
VISCOSITY	≥40 KU (Mixed at 25°C)
DRYING TIME	Touch dry: within 6 hours Hard dry: within 12 hours Fully cured: 7 days (at 25°C)
OPTIMUM FILM THICKNESS	Wet film 40µm Dry film 25µm
THEORETICAL COATING	94.6 m ² /Gal 25 m ² /L
RECOAT INTERVAL	At least 12 hours (at 25°C)
MIXING RATIO	Main agent : Hardener = 1 : 2 (by weight)
VOLUME SOLID CONTENT	≥50% (Mixed)
POT LIFE	1 hour (at 25°C).
THINNER	Water
THINNER USAGE AMOUNT	5~30% (Does not include cleaning tools)
STORAGE STABILITY	In normal cause, At least 2 years.
APPLICATION METHOD	Brush Application, Trowel Application, Roller Application.
PRECAUTIONS	<ol style="list-style-type: none">1.All surfaces to be coated must be completely clean and free of moisture, grease, sludge, dust, and other contaminants.2.Mix the base and hardener evenly according to the specified ratio before thinning with water.3.Avoid application during rainy weather or when relative humidity is above 85% RH.4.Clean all application tools immediately after use.5.When used with a specialized aggregate: Resin:Aggregate = 1:3 (Self-leveling) Resin:Aggregate = 1:5 (Semi-self-leveling)

EPDM101030SP V1.0

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