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Date Issued: 25 July, 2018

WATER BASED ENAMEL

Gloss & Semi Gloss

Product Line: 1410, 1422, 1412 Series.

Product Code: 141001;141004; 141010; 142201; 142204; 142210, 141201, 141204, 141210.

Description

Water Based Enamel is a new generation, acrylic paint finish designed for use on interior doors, trim and walls where a high gloss/semi gloss paint finish is required. Its tough, flexible finish gives long lasting protection against everyday use with the low odour of water based paints. Excellent adhesion, flow and quick drying (same day recoat). Water Based Enamel has similar application and flow characteristics to conventional solvent based paints.

Uses

Suitable for use on all interior doors, trim and walls surfaces including correctly primed timber, building panels and metals. Water Based Enamel has good adhesion to aged enamels; it is recommended to thoroughly sand the surface for optimal finish.

Surface Preparation

All surfaces must be well prepared and free from dirt, oil, grease and other contaminants.

Timber

Unpainted surfaces

Sand & dust area. Apply one coat of Speedprep Sealer Primer Undercoat. Allow to dry. Lightly sand with abrasive paper, if necessary. Apply two coats Water Based Enamel.

Previously painted surfaces

Remove all loose and flaking paint, sand smooth. Wash down chalked surfaces and allow to dry completely. Thoroughly sand any previous coats of enamel and wipe clean. Sand any glossy areas to a dull finish and spot prime bare timber with Speedprep Sealer Primer Undercoat. Allow to dry. Apply two coats of Water Based Enamel. Rusted areas should be treated and primed with Rustfighter Metal Primer or Acquaprime WB All Metal Primer.

Galvanized Steel, Zincalume & Aluminium

Unpainted surfaces

Thoroughly degrease and wipe clean. Apply one coat of Acquaprime WB All Metal Primer. Allow to dry. Apply two coats of Water Based Enamel.

Application Method

Stir contents of can thoroughly with a wide flat stirrer ensuring the bottom of the can is reached. Apply a full coat of Water Based Enamel by brush, roller or spray. Do not over brush or over roll as the coating sets up reasonably quickly and the flow and leveling will be compromised.

Water Based Enamel is not suggested for use on rough surfaces as the high gloss finish will highlight defects in the substrate to a high degree.

Brush/Roller

Pre-wet brushes and rollers. Flow paint generously and spread evenly. (Do not overspread.) Use a quality bristle brush or a fine 5 - 7 mm nap roller cover for best results. It is suggested that roller applied coats are lightly tipped off with a brush for optimal quality of finish. Avoid excessive brushing or rolling.



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Spray

Suitable for application using standard spray equipment. If necessary, Water Based Enamel may be thinned sparingly with up to 100mls of water per litre of paint to help atomization.

Thinning

Not usually required, however it may be thinned sparingly with water.

Approximate Coverage

Covers approximately 14 - 16 square metres per litre depending on the surface porosity and profile.

Colours Available

Available in white and a range of machine tinted colours.

Drying Times

Approximate drying times at 25°C and 50% Relative Humidity.

Touch Dry:	30 minutes
Recoat:	Minimum 2 hours.

Drying Times may be extended by adverse drying conditions or at high film build.

Cleanup

Clean all equipment promptly with water. Dried coatings may require warm soapy water to assist removal.

Properties

SOLIDS by VOLUME:	30%
SOLIDS by WEIGHT:	47%
WEIGHT PER LITRE:	1.3kg
GLOSS LEVEL:	Minimum 75 GU for high gloss & 50 to 60 GU for Semi Gloss
VOC:	approximately 103 g/litre
DURABILITY:	Excellent interior, washable hardwearing finish.

Resistance Properties

ABRASION:	Very Good.
HEAT:	Good. May soften at elevated temperatures.
SOLVENT:	Poor. Is sensitive to aromatic hydrocarbons, alcohols and ketones.
WATER/STEAM:	Very good. Resists [prolonged rain and condensation.
WEATHER:	Not recommended for exterior usage.

Additional Information

Do not apply Water Based Enamel below 12°C (or is likely to fall below 12°C) before the paint can dry thoroughly.

Allow 7 days for the paint film to cure before washing or scrubbing the surface.