



Regatta[®] Gloss Enamel

Reinforced Alkyd Enamel

FEATURES		RECOMMENDED USES	
<ul style="list-style-type: none"> • High gloss enamel finish • Superior, “long oil” Marine quality • Good weathering properties • Excellent gloss retention • Good application characteristics • Compatible with Altex Flattening Paste to reduce the gloss for interior colours • May be modified with the addition of Regatta[®] 2K Additive to speed up cure and enhance overall performance. This effectively creates a “Two Pack” finish coat. (see overleaf) 		<p>Regatta[®] Gloss Enamel is designed for use as the finish coating for the Single Component Marine topsides systems.</p> <p>Regatta[®] Gloss Enamel can be used on :</p> <ul style="list-style-type: none"> • Canoes • Tenders • Dinghies • Trailer yachts • Power boats • For signwriting • Boot stripes • For up-grading existing enamel systems, subject to correct preparation and undercoating <p>And numerous other DIY projects requiring a high quality enamel finish coat.</p>	
SPECIFICATION DATA			
<p>Generic Type: Polyurethane Modified Gloss Finish</p> <p>Colour: Refer Altex Yacht & Boat Colour Chart for standard colours. Also available as a custom tint.</p> <p>Packaging: 500ml (NZ Only) 1 and 4 litre Single component</p> <p>Gloss: High Gloss</p> <p>Flash Point: 35°C</p> <p>Thinner: Brush/Roller: Altex Thinning Solvent #45</p> <p>Spray: Altex Thinning Solvent #53</p> <p>Storage: Store under cool, dry conditions</p>	<p>Density: 1.21 kg per litre</p> <p>Volume Solids: 50%</p> <p>Theoretical Coverage Rate: 10 sq metres per litre at 50 microns dry</p> <p>Recommended Film Thickness Per Coat: 80-100 microns wet to obtain 40-50 microns dry</p> <p>Application: Spray, brush or roller</p> <p>Dry Times (50 µm DFT / 25°C / 50% RH): Touch Dry : 1½ Hr Hard Dry : Overnight</p> <p>Recoat Time (50 µm DFT / 25°C / 50% RH): Recommended : Overnight (max 5 days without sanding)</p>		

SURFACE PREPARATION

Regatta® Gloss Enamel is designed to be applied over Altex Surfacer Undercoat, or aged, sanded existing enamel systems.

All surfaces must be clean and dry before application of Regatta® Gloss Enamel. If the previous coating is aged more than one (1) week it should be thoroughly sanded and/or cleaned with Altex C50 Surface Cleaner prior to application of Regatta® Gloss Enamel.

All exposed substrate should be primed with an appropriate primer, and subsequently undercoated to achieve a smooth, paintable surface.

DO NOT sand using stearate coated sandpaper as these may adversely affect the adhesion of subsequent coatings.

DIRECTIONS FOR USE

Mixing:

Regatta® Gloss Enamel is a single component product that requires thorough mixing and careful thinning before use.

Thinning:

For spray application Regatta® Gloss Enamel should be thinned 15% to 30% with Altex Thinner #53.

For brush application thin 5% to 15% with Altex Thinner #45

Acceleration:

In cooler conditions, the addition of Regatta® 2K Additive will accelerate the cure of Regatta® Gloss Enamel. Depending on addition rate, it will reduce dust free times by up to 50%. Other benefits are:

- Increases the hardness of the cured film.
- Reduces time to be able to mask out areas.
- Converts the film into a cross linked (2K) acrylic
- Increases flow and ultimate gloss level

Refer to the Regatta® 2K Additive Data Sheet for further information.

Gloss Reduction:

The gloss level of Regatta® Gloss Enamel may be reduced by the addition of small amounts of Surfacer Undercoat. This is especially suitable for white and off white colours for interior use. We recommend trialling the ratio of the two components, starting with a 20% (v/v) addition of Surfacer Undercoat which will produce a soft semi gloss.

For gloss reduction in darker, richer colours use Altex Flattening Paste – refer Flattening Paste Data Sheet for more details. Testing of the colour and degree of gloss reduction is strongly recommended.

Application:

Regatta® Gloss Enamel may be applied by spray, brush or roller.

Suggested spray equipment is:

Air Spray	<i>Graco</i> - Delta Air Spray; 1.1 - 1.4 mm Fluid Nozzle <i>De Vibiss</i> - JGA gun, E Fluid Nozzle, 704 Air Nozzle
Airless Spray	<i>Graco</i> - King 30:1 pump; 0.011-0.013" Fine Finish Tip

(Note : Other equipment equivalent to the above may be used.)

Note: Certain colours may require more than one coat to achieve complete hiding of the substrate.

Clean-up:

Use Altex Thinner #45 or #53

PRECAUTIONS

For DIY & Professional Use: Read and follow all the caution statements on this Product Data Sheet, the product label and the Safety Data Sheet (SDS) for health and safety information prior to use.

Regatta® Gloss Enamel is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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DISCLAIMER

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