



# Regatta<sup>®</sup> Gloss Enamel

## Reinforced Alkyd Enamel

### FEATURES

- 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)

### RECOMMENDED USES

**Regatta Gloss Enamel is designed for use as the finish coating for the Single Component Marine topsides systems.**

Regatta Gloss Enamel can be used on :

- Canoes
- Tenders
- Dinghies
- Trailer yachts
- Power boats
- For signwriting
- Boot stripes
- For upgrading existing enamel systems, subject to correct preparation and undercoating
- And numerous other DIY projects requiring a high-quality enamel finish coat.

### SPECIFICATION DATA

<b>Generic Type:</b>	Modified Reinforced Alkyd
<b>Colour:</b>	Refer Altex Yacht & Boat Colour Chart for standard colours. Also available as a custom tint.
<b>Packaging:</b>	Standard: 1 and 4 litre packs NZ: 500ml cans
<b>Gloss:</b>	High Gloss
<b>Flash Point:</b>	35°C
<b>Thinner:</b>	Spray: Altex Thinning Solvent #53  Brush / Roller: Altex Thinning Solvent #45
<b>Storage:</b>	Store under cool, dry conditions
<b>Shelf Life:</b>	48 months at 24°C

When kept at recommended storage conditions and in original unopened containers. For products/components exceeding the stated shelf life, contact Technical Services for further advice.

<b>Density:</b>	1.21 kg per litre
<b>Volume Solids:</b>	50%
<b>Theoretical Coverage Rate:</b>	10 sq metres per litre at 50 microns dry
<b>Recommended Film Thickness Per Coat:</b>	80-100 microns wet to obtain 40-50 microns dry
<b>Application:</b>	Spray, brush or roller
<b>Dry Times (50 µm DFT / 25°C / 50% RH):</b>	Touch Dry: 1½ hours Hard Dry: Overnight
<b>Recoat Time (50 µm DFT / 25°C / 50% RH):</b>	Recommended: Overnight (maximum 5 days without sanding)

## SURFACE PREPARATION

Regatta Gloss Enamel is designed to be applied over AY&B 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 to a harder cross-linked film
- Increases flow and ultimate gloss level

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

### **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 Vilbiss</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

(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.

### **Gloss Reduction:**

The gloss level of Regatta Gloss Enamel may be reduced by the addition of small amounts of AY&B 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 AY&B 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.

### **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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