



# Surfacer Undercoat

Above Waterline Undercoat for Regatta® Gloss Enamel

## FEATURES

- Proven performance over many years in all above water applications
- Excellent adhesion and obliteration
- Good long term sandability
- Excellent long term re-coatability with itself
- May be used direct on suitably prepared gel-coat
- Lead and chromate free
- Good cure response and sandability makes AY&B Surfacer Undercoat an excellent surfacing medium to cover minor scratches etc

## RECOMMENDED USES

**Altex Yacht & Boat Surfacer Undercoat is designed for use in above water areas only.**

**It can be used:**

- As a surfacing and build coat in the Single Component topsides marine paint system.
- As an adhesion/surfacing coat directly to suitably prepared fibreglass gel-coat.
- Direct to suitably prepared and sealed timber for cabin interiors.
- As a tie coat and upgrade on existing sound enamel finishes after correct preparation
- May be used as a gloss reducing additive in Altex Regatta Gloss Enamel. (Refer Regatta Gloss Enamel Data Sheet)

## SPECIFICATION DATA

<b>Generic Type:</b>	Modified Alkyd
<b>Colour:</b>	Slightly Off-White
<b>Packaging:</b>	Standard: 1 and 4 litre packs NZ: 500ml cans
<b>Gloss:</b>	Flat
<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>	1.48 kg per litre
<b>Volume Solids:</b>	53.5%
<b>Theoretical Coverage Rate:</b>	10.7 sq metres per litre at 50 microns dry
<b>Recommended Film Thickness Per Coat:</b>	94 microns wet to obtain 50 microns dry
<b>Application:</b>	Spray, brush or roller
<b>Dry Times (50 µm DFT / 25°C / 50% RH):</b>	Touch Dry: 1 hour Dry to Sand: Overnight
<b>Recoat Time (50 µm DFT / 25°C / 50% RH):</b>	Minimum: 6-8 hours with self or Regatta Gloss Enamel.  Maximum: 1 week (without sanding)  Aged Recoat: Beyond 1 week, thoroughly sand and recoat with self or Regatta Gloss Enamel.

## SURFACE PREPARATION

AY&B Surfacer Undercoat is designed to be applied over a wide range of suitably prepared and sealed surfaces.

These surfaces include freshly applied AY&B MultiPurpose Primer, sealed interior timber surfaces, gel-coat and existing enamel systems as well as fibreglass.

All surfaces should be thoroughly cleaned and sanded so as to remove all residual shine and render to a finish with a clearly discernible surface profile.

Normally, exposed and prepared substrates are primed using MultiPurpose Primer prior to application of Surfacer Undercoat.

Aged existing paint should be thoroughly sanded to ensure any loose and poorly adhered coatings are removed, and the broken edges of old coatings are feathered back to a clean, sound, bevelled edge.

Surfacer Undercoat will perform as an excellent tie coat between various layers of old paint (e.g. topcoats, undercoats, and primers), and will provide an excellent base on which to apply Regatta Gloss Enamel.

All surfaces must be clean and dry before application of Surfacer Undercoat.

## DIRECTIONS FOR USE

**Mixing:**

Surfacer Undercoat is a single component product that requires thorough mixing and careful thinning before use.

**Thinning:**

For spray application thin 5% to 20% with Altex Thinning Solvent #53.

For brush application thin 0% to 15% with Altex Thinning Solvent #45. The need to thin, and the extent to thin will be dictated by application methods and the prevailing weather conditions at the time.

**Sanding:**

Surfacer Undercoat is designed as a sandable undercoat, used prior to the application of Regatta Gloss Enamel. Sand with non-stearate sandpaper in the range of 220-280 grit to remove minor imperfections.

Use 320 grit for final sanding before applying Regatta Gloss Enamel.

**Application:**

Surfacer Undercoat can be applied by spray, brush or roller.

Suggested spray equipment is:

Air Spray            *Graco* - Delta Air Spray; 1.1 - 1.4mm Fluid Nozzle

*De Vilbiss* - JGA gun, E Fluid Nozzle, 704 Air Nozzle

Airless Spray      *Graco* - 30:1 pump, Contractor gun, 0.013-0.017" tip

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

**Clean-up:**

Use Altex Thinning Solvents #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.

**Surfacer Undercoat** 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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