



# Elite<sup>®</sup> 239

## Recoatable High Gloss Polyurethane

### FEATURES

- Excellent gloss retention
- Excellent aged recoatability when cleaned with Altex P40 Cleaner
- Hard, tough coating resists damage
- Good chemical and solvent resistance
- Designed for airless and air spray
- Proven performance in marine environments

### RECOMMENDED USES

**Elite 239** is a high performance, high gloss, acrylic polyurethane which will provide excellent gloss and colour retention as well as resistance to moderate/severe marine environments.

**Elite 239** is recommended for use on:

- Superstructures and Cabin Tops
- Topsides
- Bulwarks and Gunwales
- Handrails
- Galley and Saloon areas
- Decks (may be used with Altex Non-Skid Particles fine grade where added slip resistance is desired)

**Elite<sup>®</sup> 239** may be mixed with Altex Flattening Paste to reduce glare off cabin tops, decks etc. Refer to Altex Flattening Paste Data Sheet for further information.

### SPECIFICATION DATA

**Generic Type:** Aliphatic Acrylic Polyurethane

**Colour:** White, AY&B Standard and Custom Colours  
(refer to colour card)

**Packaging:** 5 litre kits

**Mix Ratio:** 4:1 by volume

**Gloss:** High Gloss

**VOC:** 400 g/L (mixed)

**Thinner:** Spray:  
Altex Thinning Solvent #20  
Touch-Up:  
Altex Thinning Solvent #22

**Pot-Life:** 4 hours at 25°C

**Induction Time:** 15 minutes at 25°C

**Shelf Life:** Part A = 24 months at 25°C  
Part B = 12 months at 25°C

**Storage:** Store under cool, dry conditions

**Temp Resistance:** up to 121°C

**Volume Solids:** 54% ±2%

**Theoretical Coverage Rate:**  
10.8 sq. metres per litre at 50 microns dry  
7.2 sq. metres per litre at 75 microns dry

**Recommended Film Thickness Per Coat:**  
92-138 microns wet to obtain 50-75 microns dry

**Application:** Spray (brush / roller application for touch up only)

**Dry Times (50µm DFT / 50% RH):**

Min.Recoat:	5°C	15°C	25°C	30°C
	24 hours	12 hours	4 hours	4 hours

**Max Recoat:** Extended – Refer to AY&B Technical Services for further advice

**Dry To Handle:**

	5°C	15°C	25°C	30°C
	30 hours	16 hours	6 hours	5 hours

## SURFACE PREPARATION

All surfaces should be clean, dry, and free from all contaminants.

All undercoated & sanded surfaces must be thoroughly dedusted before application of the Elite finish coat. We also strongly recommend the use of **Altex C50 Surface Cleaner** to aid removal of sanding particles, and light grease/oil contamination. This is often employed prior to tack ragging.

Use **Elite 239** over sanded **AY&B Epoxy Barrier Undercoat** or **AY&B Polyurethane Undercoat**. May also be used directly over suitably prepared sound and compatible existing paint systems.

## DIRECTIONS FOR USE

### Mixing:

**Elite® 239** is a two-component product supplied in kits which contain the correct (4:1 v/v) ratio of ingredients.

The entire contents of each container must be mixed.

Power mix Part A first to obtain a smooth, homogeneous condition. After mixing Part A, add Part B slowly with continued agitation. Allow an induction time of 30 minutes before application.

The pot life of the mixed material at 25°C is 4 hours. Higher temperatures will reduce the working life of the coating; lower temperatures will increase it.

### Thinning:

Thinning maybe required to assist application. Any solvent addition should be made after the two components are thoroughly mixed. Use Altex Thinner #20 or #25 (slow evaporating) only.

Excessive thinning can cause low film thickness and coating defects.

### Application:

Application by either conventional air spray or airless spray equipment is the preferred method. **Elite® 239** can be applied by brush and roller for touch-up and repair to small areas,

#### Suggested spray equipment:

Conventional Air Spray:

1.2mm to 1.6mm Fluid tip with appropriate air cap

Airless Spray:

Pump Ratio 30:1

Material Hose 3/8" I.D min

Tip Size 0.015 – 0.019

(Note: The above is a guide. Other equipment to the above may be used.)

Additional coats maybe required to achieve the desired opacity and depth of colour, depending on the colour selected.

**Clean Up:** Use Altex Thinning Solvent #20 or #25

## 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.

**Elite® 239** 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.

**Elite® 239** contains isocyanate. When sprayed it may be harmful by inhalation - do not breath vapour of spray. Wear suitable clothing, gloves, eye, and face protection, including suitable breathing protection such as an air supplied respirator or hood.

Additional information is available from the SafeWork Australia and Worksafe New Zealand Approved Code of Practice for the safe use of Isocyanates. We recommend that the latest information be obtained and read carefully. This information is being constantly updated and needs to be clearly understood by applicators prior to the use of this type of coating.

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