

# Polyurethane Accelerator

Cure Accelerator for Selected  
Polyurethane Finish Coats

## FEATURES

- Accelerates cure of Altex E-Line® 379, E-Line® 239, Carbothane® 130 Clear Coat & Carbothane® 949<sup>AZ</sup> and AY&B Elite® Pro-Spray Linear Polyurethane finishes
- Reduces "dry to handle" time- when time is critical
- Reduces time to mask out, and improves masking properties when conditions are marginal

**Note:**

Depending on temperature, the addition of Polyurethane Accelerator will reduce the pot life of the treated finish coat - refer to the chart below.

**CAUTION !**

**Polyurethane Accelerator should only be used when it is essential to improve cure time.**

**Mixed product should be thinned at least 10% BEFORE adding Polyurethane Accelerator. (excluding Elite Pro-Spray)**

**Over addition of Accelerator may result in drastically reduced Pot Life, and be detrimental to finish gloss level and overall performance.**

## RECOMMENDED USES

**Altex Polyurethane Accelerator, is designed to reduce the time to Hard Cure in winter temperatures in a range of polyurethane finish coats:**

**Use in:**

Altex Yacht & Boat Elite® Pro-Spray Linear Polyurethane  
Carbothane® 130 Clear Coat  
Carbothane®949<sup>AZ</sup> (Aust. Only)  
E-Line® 379  
E-Line® 239

Typically, Polyurethane Accelerator would be used in:

- A production situation where finished fabrications require to be moved or erected soon after painting has been completed.
- Where masking out areas, (especially in maintenance repaints of pleasure craft), would be significantly delayed.
- To reduce the time to a return to service for various industrial items, commercial floors, earthmoving equipment etc.

## SPECIFICATION DATA

<b>Coating Type:</b>	Urethane Catalyst
<b>Colour:</b>	Clear and colourless
<b>Packaging:</b>	Single component - 500ml
<b>Flash Point:</b>	0°C Setaflash
<b>Shelf Life:</b>	1 year
<b>Storage:</b>	Store in cool dry conditions

**Density:** 0.87 kg per litre

**Mixing:**  
See Rates overleaf.  
DO NOT add Polyurethane Accelerator until after mixing and thinning of finish coat.

**Approximate Curing Time & Pot Life at 20°C (Hours):**  
(Based on E-Line®379)

Accelerator Addition Rate	Touch Dry	Hard Dry	Pot Life
5ml / 1 litre of mix	2¼	4	6
8ml / 1 litre of mix	1½	3¼	4
10ml / 1.25 litre kit	1½	3¼	4
40ml / 5 litre kit	1½	3¼	4

Note: The use of Polyurethane Accelerator will affect the maximum self recoat time of the product. Contact Altex Coatings Technical Department for specific recommendations.

## DIRECTIONS FOR USE

Stir thoroughly before use.

Maximum recommended addition of Polyurethane Accelerator is 8ml per 1 litre of MIXED product.

**8ml per 1.0 litre kit**

**10ml per 1.25 litre kit**

**40ml per 5 litre kit**

...in any of the following products:

E~Line®379

E~Line® 239

Carbothane® 130 Clear Coat

Carbothane® 949<sup>AZ</sup> (Australia only)

DO NOT add Polyurethane Accelerator until after mixing the finish coat base and converter. Carry out any thinning required prior to adding the Polyurethane Accelerator.

The addition of Polyurethane Accelerator reduces the pot life of the finish coat treated.

Temperatures above 26°C will drastically reduce the pot life of the coating. Best results are achieved at temperatures in the range of 10-20°C.

Treatment is not normally required in temperatures above 25°C. However, should there be a need to accelerate, then do so with extreme caution.

### Limitations:

The addition of Polyurethane Accelerator will reduce the pot life of the treated finish coat - refer to the chart above.

The use of Polyurethane Accelerator will affect the maximum self recoat time of the product.

***Additions of Polyurethane Accelerator in excess of 10ml per litre may result in drastically reduced Pot Life, and be detrimental to finish gloss level and overall coating performance.***

### Further:

Due to the 1:1 mix ratio of Elite® Pro~Spray, the recommended rate is:

**40ml per 8 litre kit**

## PRECAUTIONS

For industrial use only: 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.

**Polyurethane Accelerator** 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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