

## FEATURES

### Advantages:

- Easy mixing – 1 : 1 mix ratio by volume
- Smooth creamy mixture is easy to apply and blade off
- Ideal for industrial applications for spot repairs on surfaces to be gloss finish coated
- Suitable for use both above and below the waterline on all vessel types
- Easy sanding of cured film
- Low water absorption rate when mixed and cured
- Light Weight
- Excellent adhesion to a wide variety of substrates

### Limitations:

- *Observe minimum recoat times on subsequent coatings applied. Solvent entrapment within applied coatings should be avoided as this may cause Spot Filler 1:1 to soften and lead to premature failure.*
- *Spot Filler 1:1 is **not** suitable for major fairing.*

## RECOMMENDED USES

**Altex Epoxy Spot Filler 1:1 is a low density, solvent free, epoxy paste, formulated to cure at ambient temperatures, producing a filler that is suitable for spot filling in marine and industrial applications.**

The thixotropic nature of Spot Filler 1:1 has been designed for good hold-up on vertical surfaces, with minimal sag even at elevated temperatures.

This lightweight formulation is easy to sand, and will bond well to a variety of substrates including fibreglass, gelcoat, GRP and wood.

Metal surfaces need to be prepared and primed with an appropriate epoxy primer to ensure good adhesion.

### Use Over:

AY&B Epoxy Primer

AY&B Epoxy Barrier Undercoat

AY&B Epoxy HB Surfacer

AYB Epoxy Resin & Microballoon Fairing

Compatible with other epoxy types – consult Technical Services for further details.

## SPECIFICATION DATA

**Product Type:** 100% Solids Epoxy Filler

**Colour:** Cream

**Packaging:** 2 Litre kit

**Mix Ratio:** 1 to 1 by volume

**Thinner:** **Do Not Thin**

**Clean Up:** Altex Thinning Solvent #12

**Pot Life:** 100g mix – 20 – 30 minutes at 25°C

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

**Specific Gravity:** 0.935 g/ml @ 25°C

**Volume Solids:** 100%

### Cure Times (at 20°C):

	10mm film	5mm film	2.5mm film
<b>Touch Dry</b>	2 hours	2¾ hours	3¼ hours
<b>Sandable*</b>	4 hours	5½ hours	6½ hours

\* 40 grit sandpaper

**Cured to a solid state:** 12 – 16 hours @ 25°C

**Minimum application Temp:** 15°C

**See overleaf for more detailed directions on use.**

## SURFACE PREPARATION

All surfaces to be faired should be clean, dry and free of all foreign matter.

### **Bare Timber:**

Sand entire surface with 80 grit paper. Dedust thoroughly with clean rags or compressed air.

Timber surfaces require a primer coat of Altex Epoxy Primer, and may be initially sealed with Epoxy Everseal (Aust) or Epoxy TimberSealer (NZ).

### **Fibreglass and Previously Painted Surfaces:**

Degrease with D30 Degreaser/Dewaxer. Sand thoroughly with 80 grit sandpaper to a matte finish and dedust with clean rags or compressed air.

### **Aluminium and Steel Surfaces:**

Degrease surfaces with D30 Degreaser/Dewaxer. Sand blast or disc grind to a clean bright finish, remove residue – use non-metallic media when preparing aluminium. Within four hours prime the prepared metal using Altex Epoxy Primer.

Refer to relevant datasheets for suggested products and further details.

## DIRECTIONS FOR USE

The surfaces should be well sanded to promote the adhesion of Altex Spot Filler 1:1.

### **Mixing:**

Take care to ensure that the individual components are thoroughly mixed to a uniform condition and colour before measuring and subsequent mixing.

Avoid excessive air entrapment by mixing slowly, and ensure that no unmixed resin or hardener is left on the sides, or the bottom, of the container, as this can lead to soft spots in the coating. The use of a flat board for mixing is recommended, as this makes mixing easier.

Keep each mix to minimum volume required in order to maximise pot life. Increased volumes of mix will decrease the pot life. 100gm of mix has a pot life of 20-30 minutes at 25°C

***Note: Care should be taken when dispensing and mixing. Do not attempt to control the cure time by altering the mix ratio.***

### **Application:**

Use a spatula, putty knife or trowel as appropriate.

Sufficient Spot Filler 1:1 should be applied so that no hollows will remain after the final sanding.

### **Clean Up:**

Use Altex Thinning Solvent #12

## 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.

Use **Spot Filler 1:1** with adequate ventilation. Avoid skin contact by use of gloves. Avoid breathing fumes and sanding dust

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