

FEATURES

- 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:

- *Epoxy Spot Filler 1:1 must be sealed, refer to "Directions for Use" section below.*
- *Observe minimum recoat times on subsequent coatings applied. Solvent entrapment within applied coatings should be avoided as this may cause Epoxy Spot Filler 1:1 to soften and lead to premature failure.*
- *Epoxy 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 Epoxy 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

AY&B 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
Touch Dry	2 hours	2¼ hours	3¼ hours
Sandable*	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 AY&B Epoxy Primer and may be initially sealed with AY&B Everseal.

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 AY&B Epoxy 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 Epoxy Spot Filler 1:1 should be applied so that no hollows will remain after the final sanding.

Sealing:

Once fairing / abrading is completed, Epoxy Spot Filler 1:1 must be sealed using "neat" AY&B Epoxy Resin 421. One coat for above water applications, and at least two coats below the waterline.

Sealing is necessary for maximum moisture and solvent resistance.

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

WWW.ALTEXBOATPAINT.COM

**Head Office New Zealand
Altex Coatings Ltd**
91-111 Oropi Road
Greerton, Tauranga 3112
Ph : +64 7 541 1221
Fax : +64 7 541 1310

**Head Office Australia
Resene Paints (Aust) Ltd
Industrial & Marine Division**
7 Production Avenue, Molendinar
Queensland 4214
Ph : +61 7 5512 6600
Fax : +61 7 5512 6697

DISCLAIMER

The information in this datasheet is provided as a guide only and is provided without warranty, implied or otherwise. It is your responsibility to determine the suitability of any information or product for the use contemplated. Conditions of use, application and the substrate are beyond our control so no liability whatsoever (whether as to coverage, performance, injury or otherwise) is accepted for the information contained herein.
Data sheets may change from time to time and it is your responsibility to ensure you have the latest product datasheet and material safety data sheet from your supplier. Check the data sheet date with the listings at www.altexcoatings.com
Altex Terms and Conditions of Trade, available at www.altexcoatings.com, apply in respect of all coating products and materials supplied, including samples.