

EPOXY FAIRING/FILLING COMPOUND FAIRFILL

TECHNICAL DATA

1.0 DESCRIPTION

A two part, light and sandable epoxy fairing and filling compound. FAIRFILL is non-shrinking, non-porous and cold curing thereby allowing application in all temperatures. FAIRFILL is easily sanded using a power sander or other woodworking/finishing tools.

2.0 PHYSICAL PROPERTIES:

2.1	Viscosity	Non Slump.
2.2	Mix Ratio	1 : 1 by volume.
2.3	Pot Life (temperature dependent)	1/2 hour at 25°C, 2 1/2 hours at 10°C.
2.4	Minimum Application Temp.	0°C.
2.5	Shelf Life	1 year in original unopened containers.
2.6	Cured Properties	(Standard hardener at 20°C)
2.6.1	Colour	Grey.
2.6.2	Specific Gravity	0.64 when mixed.
2.6.3	Flash Point	>150°C.

3.0 USES

The excellent finishing properties of FAIRFILL combined with ease of use make it an extremely versatile product. Use on wood, steel, aluminium, concrete, cementitious fibreboard – any surface that needs smoothing or filling before the application of a subsequent coating or paint. FAIRFILL is particularly suitable for filling gaps and holes in fibre cement sheets.

As FAIRFILL is a cold-curing epoxy, curing will take place at temperatures down to 0°C. There is no need to ensure that the ambient temperature or substrate temperature is above 15°C as is common with most other products.

Common uses are:

- 3.1 Filling screw holes in fibre cement sheet.
- 3.2 Boats – smoothing hulls and other surfaces.
- 3.3 Repairing formwork.
- 3.4 Housing applications.
- 3.5 Model making.

4.0 APPLICATION INSTRUCTIONS

- 4.1 SURFACE PREPARATION. Thoroughly clean the jointing surfaces of all extraneous matter, especially oil and grease. Laitance should be removed from concrete surfaces mechanically or by acid etching. For best results steel surfaces should be prepared by sand blasting or grinding.



Fraser Brown & Stratmore Ltd

Address: 185 Rata Street, PO Box 35136 Naenae, Lower Hutt, New Zealand

Telephone: 04 567 8436 Freephone: 0800 835 699 Facsimile: 04 567 7232 Freefax: 0800 FIBRES (342 737)

Website: www.fbsltd.co.nz

Email: info@fbsltd.co.nz

The information contained in this data sheet, is to the best of our current knowledge, true and accurate, but any recommendations or suggestions which may be made are without liability on our part, since the conditions of use are beyond our control. Buyers and users are urged to make their own assessment of our products under their own conditions and for their own requirements. Fraser Brown & Stratmore Ltd reserves the right to alter formulations without notice. Properties as stated were determined under controlled laboratory conditions.



FAIRFILL

TECHNICAL DATA Continued

- 4.2 MIXING PROPORTIONS – 1 : 1 by volume. Mix the two parts THOROUGHLY by machine, spatula, or by hand until a uniform grey colour is obtained. For prolonged hand mixing, the use of rubber gloves and a barrier cream is recommended. Thoroughly wet hands in water to prevent sticking of FAIRFILL. Shake off excess. Avoid mixing water with FAIRFILL as this may interfere with the final set and hardness.
- 4.3 In cold weather placing the containers in hot water helps to soften the resin and hardener.
- 4.4 APPLICATION. FAIRFILL should be worked well into the surface to be filled or smoothed. Initially a thin smear should be applied to ensure the surface is properly 'wet' with epoxy. After applying this initial layer more FAIRFILL may be applied to the desired thickness. A smooth surface can be obtained by wiping with a wet cloth or trowel.
- 4.4.1 FAIRING. Apply FAIRFILL to the surface with pressure ensuring good substrate contact. Slightly overfill, then smooth off with a screeding bar. Once cured, smooth with sandpaper or power sander.
- 4.4.2 FILLING. If possible, work a thin smear of FAIRFILL into the area to be filled then fill using a spatula or putty knife. Once cured, sand off to a smooth finish.
- 4.5 CLEAN UP. Hands and equipment should be washed in soap and water before curing is advanced. For maximum protection, wear gloves or apply GLOVES IN A BOTTLE™ to minimise skin contact. Avoid eye contact. If eye contact occurs, thoroughly flush under running water for 15 minutes and seek medical advice if irritation persists.

5.0 PACKAGING

- 500ml pack (250ml hardener & 250ml resin)
- 1 litre pack (500ml hardener & 500ml resin)
- 2 litre pack (1 litre hardener & 1 litre resin)
- 4 litre pack (2 litres hardener & 2 litres resin)
- 8 litre pack (4 litres hardener & 4 litres resin)



Fraser Brown & Stratmore Ltd

Address: 185 Rata Street, PO Box 35136 Naenae, Lower Hutt, New Zealand

Telephone: 04 567 8436 Freephone: 0800 835 699 Facsimile: 04 567 7232 Freefax: 0800 FIBRES (342 737)

Website: www.fbsltd.co.nz

Email: info@fbsltd.co.nz

The information contained in this data sheet, is to the best of our current knowledge, true and accurate, but any recommendations or suggestions which may be made are without liability on our part, since the conditions of use are beyond our control. Buyers and users are urged to make their own assessment of our products under their own conditions and for their own requirements. Fraser Brown & Stratmore Ltd reserves the right to alter formulations without notice. Properties as stated were determined under controlled laboratory conditions.

