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.

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FAIRFILL

TECHNICAL DATA Continued

4.0 APPLICATION INSTRUCTIONS (continued)

4.2 **MIXING PROPORTIONS** – 1 : 1 by volume. Mix the two parts THOROUGHLY by machine, spatula, or by hand (wear protective gloves) until a uniform grey colour, free from streaks, is obtained. For hand mixing, thoroughly wet gloves in water to help prevent sticking of FAIRFILL. Shake off excess water. Avoid mixing water into 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 warm soapy water before curing is advanced. Avoid skin contact – wear protective gloves at all times. Avoid eye contact. If eye contact occurs, thoroughly flush under running water for 15 minutes and seek medical advice if irritation persists. Refer to Material Safety Data Sheet for complete details.

5.0 ADDITIONAL INFORMATION

Read this data sheet in conjunction with the product labels. Wear appropriate personal protective equipment when mixing and using this product. Use in a well-ventilated area. Refer to Material Safety Data Sheets for hardener and resin before use for first aid and handling details.

For optimal performance with any epoxy system it is important to:

1. Proportion the hardener and resin accurately.
2. Thoroughly mix together until of an even colour and consistency.
3. Use the correct product for the conditions, especially during cold weather.

For applications not covered or for further information, contact the manufacturer prior to use.

6.0 PACKAGING

500ml, 1 litre, 2 litre, 4 litre & 8 litre packs

Telarc. Registered Quality ISO 9001

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