

## MGF Surfacer

**ThistleBond 'MGF Surfacer'** is a high performance fast curing two pack epoxy filler designed for use as a filling or fairing compound for metal, wood and GRP Surfaces.

**ThistleBond 'MGF Surfacer'** is formulated on a complex of epoxy resins combined with a polyamino curing system reinforced with inert pigments which produces a system with good sanding properties and the optimum physical and mechanical strength.

**ThistleBond 'MGF Surfacer'** can be applied to a damaged surface in one easy application and is ideal for spot filling small knocks, scrapes or larger areas on GRP surfaces where the gelcoat has blown due to the entrapment of air during a lay-up.

**Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.**

### SURFACE PREPARATION

Heavy contamination due to oil or grease must first be removed using **ThistleBond SFE Thinners**.

**Metal surfaces:** All loose material, rust and surface contaminants, including existing coatings, must be removed and the surface roughened by using an angle grinder, needle gun or abrasive blasting. Where grinding or needle gunning is used, the surface should be cross-scored to improve adhesion. Care must be taken, when angle grinding, to avoid polishing rather than roughening metal surfaces.

**GRP Surfaces:** Must be clean and free from contamination. Loose, flaking material should be cut back to a firm edge, flaking paint should be scraped clear and surfaces thoroughly sanded.

**Wood Surfaces:** Surfaces must be clean, firm and free from contamination. All loose or rotten material must be removed. Flaking paint or lacquer should be scraped clear and sound paintwork thoroughly sanded to provide an effective key.

### MIXING

**ThistleBond 'MGF Surfacer'** is a two component solvent free material comprising resin and hardener components which must be mixed together prior to use.

Measure 2 volumes of resin component and 1 volume hardener component onto a clean mixing board or other suitable surface. The two components should then be thoroughly mixed until completely streak free.

The mixed material should be used within 25 minutes of mixing at 20°C (68°F). This time will be reduced at higher temperatures and extended at lower temperatures.

### APPLICATION

The mixed **ThistleBond 'MGF Surfacer'** should be pressed firmly onto the prepared area, working the material into any cracks and surface defects.

Where cavities are more than 12.5mm (½") deep, two or more applications may be necessary.

**ThistleBond 'MGF Surfacer'** can be sanded down after a minimum of 4 hours cure to produce a smooth surface for subsequent painting.

If **ThistleBond 'MGF Surfacer'** has been left longer than 16 hours, the surface should be resanded prior to overcoating.

### Practical Coverage Rate

0.30m<sup>2</sup> (3ft<sup>2</sup>) per kg at 1.5mm (60ml) dft.

All equipment must be cleaned IMMEDIATELY after use, with **ThistleBond 'SFE Thinners'**.

### Volume Capacity

410cc (25cu ins) per kilo

## PHYSICAL CONSTANTS

TL545/1103

<b>Mixing Ratio</b>	Resin	Hardener	
	2	1	By Volume
	2	1	By Weight

<b>Appearance</b>	Resin	White
	Hardener	Black

<b>Drying &amp; Cure Times at 20°C</b>	UsableLife	25 minutes
	Sanding Time	4 hours
	Full Mechanical	3 days

**Volume Solids** 100%

**V.O.C.** Nil

**Shelf Life** Use within 5 years of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).

## HEALTH AND SAFETY

As long as normal good practice is observed **ThistleBond 'MGF Surfacer'** can be safely used.

Protective gloves should be worn during use.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

## PACKAGING

Supplied in 3 kg.

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests. Detailed specifications are available on request from the company.



**ThistleBond**

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