

PROTITE Fibreglass Resin

PF-FR0250, PF-FR0500, PF-FR1000

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INTRODUCTION

DESCRIPTION

Protite Fibreglass Resin is as Polyester Low Styrene Emission (LSE) resin, perfect for most repair jobs. It can repair cracks, dents, holes and imperfections in fibreglass, metal and timber surfaces.

TYPICAL USES

- Caravans, boats, trailers, bikes and cars
- Fibreglass surfboards, water skis, pools and water tanks
- Down pipes, leaky gutters, metal roofs and rusted panels
- Steel, iron, timber, masonry and aluminium
- Smooth polyester or wooden surfaces

FEATURES

- Contains additives to suppress Styrene Emission
- Up to 5% paint tint can be added to achieve a solid colour

TECHNICAL DATA

Appearance	Viscous Liquid
Specific Gravity	1.1
Odour	Sweet or Sharp Aromatic Odour
Flash Point	23°C to 33°C
Pack Size	250g, 500g, 1kg
Open Time	30 minutes @ 20°C
Cure	24 hours
Recoat Time	24 hours

AVAILABLE SIZES

Barcode	Code	Pack Size	Description
9312219541108	PF-FR0250	250gm	PROTITE FIBREGLASS RESIN 250G
9312219541115	PF-FR0500	500gm	PROTITE FIBREGLASS RESIN 500G
9312219541122	PF-FR1000	1kg	PROTITE FIBREGLASS RESIN 1 KG

APPLICATION

How to use this product:

1. Safety:
 - a. Wear suitable protective clothing, rubber gloves, eye & face protection when using and handling fibreglass, resins and hardener.
2. Surface Preparation:
 - a. Prepare the surface with Protite Clean-Up Solution. Surfaces should be clean and dry and free from paint, grease and rust.
 - b. Cut the fibreglass mat to shape, allowing approximately 3cm overlap of the required size. Tease out the fibres along the edge of the mat to give a feathered edge.
 - c. For larger holes you may need to glue a piece of cardboard to the back of the hole to form a base.
3. Mixing:
 - a. Only mix the required amount of resin and hardener the job requires as product will start to gel and cure in 30min at 20°C.
 - b. Typical ratios would be: 1kg resin = 1m² matting; 500g resin = 0.50m² matting; 250g resin = 0.25m² matting.
 - c. Mix the resin and hardener as per the ratio instructions (Cold Day - 2.5ml to 3.0ml of Hardener for every 100ml of resin, Hot Days 1.5ml to 2.0ml of Hardener for every 100ml of resin – 1ml of Hardener = 45 drops)
4. Application:
 - a. Brush a wet coat of resin onto the prepared surface.
 - b. Position the fibreglass mat onto of the wet resin.
 - c. Lightly dab (do not brush in) another coat of Resin onto the Fibreglass Matting remembering not to displace or move the Fibreglass Matting from its position.
 - d. Ensure you have thoroughly 'wet out' the fibreglass before moving to the next step.
 - e. Using a Fibreglass Roller (sold separately), gently roll out the fibres to remove any trapped air, do not push roller aggressively as this may move and displace the fibreglass matting
5. Cure Time:
 - a. Full cure of resin is 24hrs. You may add additional layers after 24hrs, light sanding may be required to improve bonding performance between fibreglass layers.
6. Clean Up:
 - a. Clean up with Protite Clean Up Solution

NOTE: When using or working on virgin foam ensure the foam is sealed prior to use as application of fibreglass (polyester) resin may dissolve the foam. Not suitable for epoxy surfboards.

SAFETY

Wear suitable protective clothing, rubber gloves, eye & face protection when using and handling fibreglass, resins and hardener. Also refer to the Safety Data Sheet (SDS) before use.

Disclaimer

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