

PROTITE Fibreglass Repair KITS

Codes: PF-FKIT0250, PF-FKIT0500, PF-FKIT1000

ISSUED: March 2019

INTRODUCTION

DESCRIPTION

Protite Fibreglass Repair Kits come with everything you need to get the job done. Use these ready-to-use DIY kits for repairing 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

- Strand-chopped fibreglass matting for reinforcement
- Up to 5% paint tint can be added to the resin to achieve a solid colour
- Available in 3 sizes – 250g Kit, 500g Kit and 1kg Kit

FIBREGLASS REPAIR KIT INCLUDES:

- Fibreglass Resin (Small kit 250g/ Medium kit 500g/ Large kit 1kg)
- Fibreglass Chopped Strand Matting (Small kit 0.25m²/ Medium kit 0.50m²/ Large kit 1.0m²)
- Fibreglass Resin Catalyst Hardener – 15ml (Small / Med Kits) , 30ml (Large Kit)
- Nitrile Gloves, Measuring Cup, Applicator Brush, Mixing Stick and Mixing Bucket

TECHNICAL DATA

| | |
|---------------------------|-----------------------------|
| Pack Size | 250g Kit, 500g Kit, 1kg Kit |
| Catalyst Specific Gravity | 1.14 |
| Catalyst Flash Point | 58°C |
| Resin Flash Point | 23°C to 33°C |
| Clean up | Protite Cleanup Solution |

AVAILABLE SIZES

| Barcode | Code | Pack Size | Description |
|---------------|-------------|-----------|--|
| 9312219541016 | PF-FKIT0250 | 250gm | PROTITE FIBREGLASS REPAIR KIT SMALL - 0.25M2/250G |
| 9312219541023 | PF-FKIT0500 | 500gm | PROTITE FIBREGLASS REPAIR KIT MEDIUM - 0.50M2/500G |
| 9312219541030 | PF-FKIT1000 | 1kg | PROTITE FIBREGLASS REPAIR KIT LARGE - 1.00M2/1KG |

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 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

Tradeware products should be used in accordance with the information contained here. Each user should read and consider this information carefully in the context of how the products will be handled and used in the workplace including in conjunction with other products. While the information contained here is to the best of our knowledge at the date of publication, Tradeware makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Tradeware directly. Tradeware products are sold without express or implied warranties, other than as provided by statute, and subject to our standard terms and conditions (provided to customers and available on request). Subject to our standard terms and conditions, and any statutory provisions, Tradeware accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Tradeware products or reliance upon the information contained here