

PROTITE Fibreglass Chopped Matting

PF-FCM025, PF-FCM050, PF-FCM100

ISSUED: March 2019

INTRODUCTION

DESCRIPTION

Protite Fibreglass Chopped Matting is designed to provide re-enforcement and strength when used with **Protite Fibreglass Resin** and **Protite Fibreglass Resin Catalyst** for general repairs. Protite Fibreglass Chopped Matting consists of strands of glass fibres laid randomly across each other. It is economical and provides good stiffness. Chopped matting is easier to conform to tight curves and corners.

TYPICAL USES

- Bikes, Boats, Trailers, Caravans, Automotive bodywork, Surfboards, Casting and vacuum-cast shapes.

FEATURES

- 450 gsm
- Strand-chopped fibreglass matting for reinforcement
- Rough finish
- Yellow and white fibres bound together in strands



TECHNICAL DATA

Color	YELLOW TO WHITE FIBRES BOUND TOGETHER IN STRANDS
Odour	Slight Odour
Specific Gravity	2.5 to 2.8
Pack Size	0.250m2, 0.50m2, 1.0m2
GSM	450

AVAILABLE SIZES

Barcode	Code	Pack Size	Description
9312219541207	PF-FCM025	0.25m2	PROTITE FIBREGLASS CHOPPED MATTING 0.25 M2
9312219541214	PF-FCM050	0.50m2	PROTITE FIBREGLASS CHOPPED MATTING 0.50 M2
9312219541221	PF-FCM100	1.0m2	PROTITE FIBREGLASS CHOPPED MATTING 1.00 M2

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 over the top of the fibreglass resin remembering not to displace or move the resin from its position.
 - d. Ensure you have thoroughly 'wet out' the fibreglass before moving to the next step.
 - e. Using the roller, 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. 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 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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