Quick Guide

Product Name:	Flexible GRP
PPE Required:	Gloves, protective glasses
Equipment Required:	Roller, Brush
Other Components:	Granule hardener, 225gsm Mat



Please use Tuff Stuff Flexible GRP Application Manual for full installation guidance.

1. **Preparation:** Make sure area is brushed free of dirt and debrit, and dry. Wipe clean with acetone if required.



2. **Priming:** If required, prime area. **NOTE:** Trocal substrates do not require priming.



3. **Temperature:** Apply Flexible GRP only between 5°C and 30°C. Do not work in wet conditions or if rain is expected.



4. **Granule Hardener Amounts:** Add granule hardener catalyst to control curing speed. Use the catalyst table on page 2 to determine catalyst amounts.



5. **Penetrations, outlets and details:** Upstands, internal outlets, protrusions, joints, cracks/splits, dissimilar or other details requiring local reinforcement, decant required amount of resin and add catalyst. Thoroughly consolidate before application of the main waterproofing system.



Quick Guide

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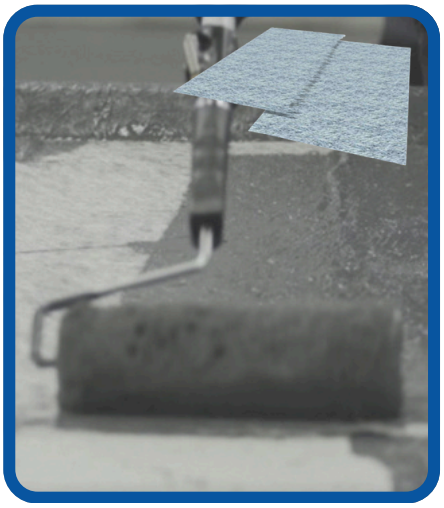
Measure and pre-cut matting: Measure and pre-cut all Chopped Strand Mat (CSM) to the required size and shape before mixing the resin to ensure a smooth and efficient application.



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First Coat:

- Apply 0.85 Litres/m² when using 225 g/m2 CSM on a flat surface.
- Roll out about two-thirds of the resin, lay the 225 g/m2 CSM, and ensure 50mm overlap.
- Work fibres into the resin, then apply the remaining one-third.
- Allow the mat to soften for 2 minutes, then consolidate until the surface looks “swirly” with no straight fibres.
- Add extra resin where needed to eliminate voids and pinholes.
- Allow to cure for 30–60 minutes before walking on it.



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Second Coat:

- Apply a second coat at 0.5 Litres/m² once the first coat has cured.
- Allow to cure for 30–60 minutes, then check for pinholes and fix as needed.



Temp Range (°C)	4–10	11–20	21–30
Catalyst Addition Rate	4%	3%	2%
Amount of Resin kg	Num. of Catalyst Scoops		
1.4	4	3	2
2.8	8	6	4
4.2	12	9	6
5.6	16	12	8
7.1	20	15	10
8.5	24	18	12
10	28	21	14

Quick Guide

Primer Guide

Substrate	Recommended Primer
Trocal	No primer required
Asphalt	Flexible Primer
Built-up Roofing Felt / Mineral Cap Sheet	Flexible Primer
Concrete / Brickwork / Masonry	Flexible Primer
GRP	No Priming Required
Liquid Applied Coatings*	Subject to Adhesion Tests*
Metals (Detailing Only)	Metal Detailing Primer or Quick Dry 2-Pack Epoxy Primer
SA Carrier Layer	No priming required atop the SA Carrier Layer.
	Prior to application of SA Carrier Layer, prime underlying substrate with SA Primer.
Screed	Flexible Primer
Single Ply Membranes*	Subject to Adhesion Tests*
	Flexible Primer*
	SP Primer
Solar Reflective Coating*	Flexible Primer*
Timber	Recommended – SA Primer and SA Carrier Layer (Refer to Section 6 for further details).
	Direct application** – Uni-Primer
uPVC (Pipes, Rooflights, Upstands, etc)	No Priming Required (Abrade and Acetone Wipe)

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