



## Safety FRP Range

Instant anti-slip surfaces for steps, ramps, floors, decking, vehicles

### DESCRIPTION AND USES

A wide range of virtually indestructible slip resistant surfaces. The FRP range is based on an extremely durable fibreglass base with a resin bonded surface. All items preformed, just fix in place. Excellent slip resistance even in the wet. Step covers with high visibility nosing. Anti-slip sheets for use on ramps or around machinery. Use indoors and outdoors. Oil and chemical resistant. Will not rot or warp. Comprehensive range of standard sizes, all direct from stock. Attach by glue or screw. Ideal for wet or weak substrates which cannot be adequately prepared for paint.

### COMPANION PRODUCTS

J510098 - Mastic Adhesive 10 oz  
J5100102 - Mastic Adhesive 28 oz

### PHYSICAL PROPERTIES

Grit Type:	ExtremeCore
MOHS Hardness Scale:	9
Ideal For:	Industrial Premises
PTV Test Reading Dry:	76
PTV Test Reading Wet:	70
Traffic Level:	Heavy
Sheet Thickness:	5mm - 7mm with Grit

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## SURFACE PREPARATION

Very little preparation of the substrate is required. It should be reasonably clean and dry if only the Mastic Adhesive is used. Badly dished or holed concrete etc should ideally be filled. Mastic Adhesive will take up minor undulations and imperfections.

## INSTRUCTIONS FOR USE

Mastic Adhesive is ideal since it will make up minor deviations in the substrate and prevent the FRP drumming or rocking. Mastic Adhesive should be applied to sound, clean dry surfaces if it is to be the only method of fixing in lightly trafficked areas. If application is to damp, dirty or friable surfaces or in very cold weather, use Mastic Adhesive to bed the FRP item into place and then screw at 24" intervals. Drilling through the FRP is easy using a standard twist drill suitable for wood or metal. Countersinking is not required (see below). Screw fixing should also be used if the FRP is likely to be trafficked before the Mastic Adhesive has set.

## TRIMMING

A good quality jigsaw or hacksaw can be used for trimming.

## ATTACHMENT

The following may be used as a guide. **To timber:** 1-1/4" No.8 zinc plated or stainless steel screws. **To steel plate:** 3/4" No.8 x self-tapping pan head Pozzi stainless steel screws or 3/4" No.8 x self drilling pan head Philips zinc plated screws. **To concrete:** 1-1/4" No.8 zinc plated or stainless steel impact anchors. **To open mesh:** Stainless steel or zinc plated saddle clips and domed head bolts suitable in length for the depth of the existing treads.

## COUNTERSINKING

When drilling holes in the FRP we do not recommend countersinking. When the screw is screwed down firmly, the screw head becomes embedded in the surface texture. The top of the screw head should be flush with the surrounding surface and therefore not present a trip hazard.

## FITTING

Lay the items in place to ensure that they fit. Trim using a jigsaw with medium cutting blades (Bosch T101 A1F or similar are ideal).

## DRILLING

Hold the FRP in place and drill through the panel and into the substrate. A rawl plug will probably be required in a concrete base. The drill hole in the FRP does not need to be larger than that drilled into the substrate, (except if drilling Decking Strips, see below).

## FRP STEP COVERS

Drill two holes at each end of the Step Cover, one approximately 5/8" in from the back edge and 1/2" in from the side. The second hole should be approximately 1/2" in from the side and on the line where the black tread meets the yellow or white nosing. It is unlikely that the Step Covers will require additional fixings in the middle of the tread, (unless the tread is over 6 ft. long).

## FRP LANDING COVERS & FRP SHEET

Fixings should again be approximately 1/2" in from the edges. Additional fixings at 24" intervals.

## SAFETY EDGE FRP

Drill holes approximately 2" in from each edge and thereafter at approximately 12-16" intervals.

## FRP DECKING STRIPS

These are generally supplied pre-drilled by us. We use a number 10 drill and a number 8 screw. The larger hole size allows for any slight movement that may possibly arise due to the long, thin shape of this particular product. If any additional screw fixings are required, please use a number 10 drill and number 8 screw. Mastic Adhesive is not required with the Decking Strips.

## MASTIC ADHESIVE

After drilling holes in the FRP, turn the panel over and apply the Mastic Adhesive. (The 10 oz. tube fits into a standard caulk gun, also available from ). Apply a 1/4" bead around the periphery of the FRP panel and in horizontal stripes at approximately 8" intervals. Immediately press the FRP panel firmly into place. The Mastic Adhesive will generally have achieved a good bond within 2-4 hours in normal drying conditions. If the Mastic Adhesive is to be the only method of fixing, please ensure that a good bond has been achieved before re-opening the area for use. As a guide one 310 ml tube of Mastic Adhesive is sufficient for any one of the following: Step Covers, Landing Covers, Safety Edge FRP and Sheets.

## SAFETY

Gloves are recommended when handling FRP. A dust mask and goggles should be used when cutting the product. Wear gloves when using Mastic Adhesive and Polyurethane Adhesive. Safety Data Sheets are available for the adhesives. All products are available direct from Watco Industrial Flooring.