

# Firm-Step® Heavy Duty GRP Step Covers & Sheets

Superior slip resistance for both interior and exterior use

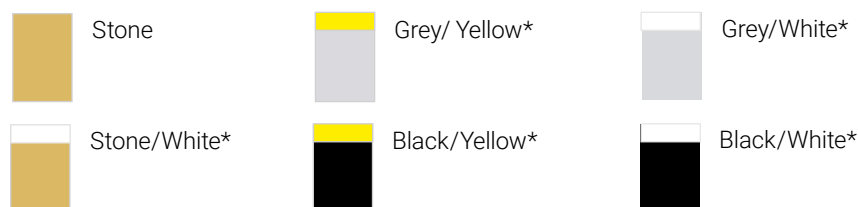


Watco Firm-Step® Heavy Duty Anti Slip Step Covers offer superior slip resistance for both interior and exterior use. Made from durable and lightweight GRP, and with our own superior grit, they are twice as hard wearing as the industry standard quartz. They are also chemical resistant, providing the perfect solution for potentially hazardous areas.

The low profile GRP construction is produced by the pultrusion method, which protects from bending, warping or splitting over time. The contrasting yellow or white nosings at 55mm x 55mm comply with UK Building Regulations and the Disability Discrimination Act.

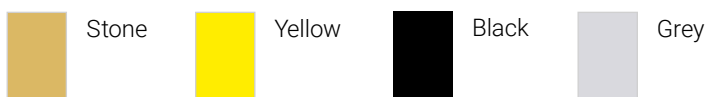
Watco Firm-Step® Heavy Duty Flat Sheets comprise a high quality composite of glass woven matting impregnated with isophthalic polyester resin.

### Step Colours



\*Represents the nosing colour

### Sheet colours



### Areas of use:

- Ramps, walkways, fire escapes, all staircases, mezzanine floors, train track crossings and areas of heavy foot traffic
- Internal ramps and staircases

### Features:

- Highly durable anti slip step surface for heavy stair use
- DDA (Disability Discrimination Act) and Building Regulations compliant
- Cut to size up to 3m wide free of charge
- 10 year guarantee against breakage
- Large UK stocks with custom sizes available
- Available in a variety of sizes and colours

Samples are available on request. While great care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.

## Need help? Speak to the experts

Our dedicated and professional team are here to help you get the best results for your project. They will talk you through the preparation and application stages when using **Firm-Step Heavy Duty GRP Step Covers or Sheets.**

Call our expert team on: **01483 418 418** (Weekdays 8:00am - 5:30pm. Saturday 9:00am - 12:00pm)



# Firm-Step<sup>®</sup> Heavy Duty GRP Step Covers & Sheets

## 1 Handling and storage

Safe handling practices should always be employed and the appropriate Personal Protection Equipment is to be worn. Store the covers flat and upside down.

## 2 Personal protection equipment

It is recommended that the following Personal Protection Equipment is worn for installation of Firm-Step<sup>®</sup> GRP sheet and step covers and further protective measures may be necessary but this will depend on the installation environment:

Bonding: Eye goggles, protective gloves and safety boots.

Cutting and mechanical fixing: Ear defenders, eye goggles, dust mask, protective gloves and safety boots.

## 3 Measuring

Width – Measure from left to right across the tread substrate. Then deduct 5mm (2.5mm either side) to ensure they easily fit and to allow for any expansion.

Depth – Measure from the front (nosing) to the back of the tread substrate. Then deduct 5 mm. E.g. 300mm measured depth minus 5mm = 295mm.

## 4 Cutting

Firm-Step<sup>®</sup> anti slip sheets and step covers can be cut to size using orbital cutting equipment with a diamond blade. Cutting should be carried out externally or where there is dust extraction or suitable ventilation and the appropriate protective equipment detailed above should be worn. A jigsaw can be used for trimming or for occasions where only a small amount of cutting is required.

Cut to Size service – Watco offers a free cut to size service for all Firm-Step<sup>®</sup> products except Firm-Step<sup>®</sup> Precision. When you place your order, advise the technical advisor that you intend to install the product yourself and they will tailor the order to meet your requirements.

## 5 Preparation

Any damage or undulations to the substrate should be remedied to ensure that the stair tread or flat sheet will be on a reasonably flat and even surface.

## 6 Fixing

Offer up the step cover or sheet to determine if any cutting or trimming is necessary. Lay the item onto the substrate and drill through it and into the substrate. If applying it to concrete or brick, etc. insert a rawlplug suitable for screw fixing.

Fixings are generally recommended at approximately 70mm from the front, 50mm from the back and sides at up to 250mm apart. There is no need to counter sink the screws. Apply a bead of Watco Adhesive Mastic in an 'S' shape on the underside of the step cover or sheet. This allows the product to 'bed' into place and prevent rocking or drumming on uneven surfaces. Lay the item into place and push down to bed into the adhesive. Fix into place using screws. Tighten the screws so that the screw head binds into the gritted surface. The top of the screw head should finish flush with the surrounding surface – if fitting to metal use self-tapping screws.

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## 7 Cleaning and maintenance

Use of a stiff brush will usually be sufficient when cleaning Firm-Step<sup>®</sup> Standard GRP to remove everyday dirt. For more stubborn contamination, it is recommended that a mild detergent is used and then rinsed with cold water. It is important to remove any excess water from the step covers prior to being put back into use with suitable absorbent materials. Where circumstances allow, FirmStep<sup>®</sup> Standard GRP can be power washed on a low setting. The security of the fixings/adhesive should be checked on a regular basis. Circumstances will vary, based upon the volume of foot traffic etc, but, as a guide, monthly inspections would be advisable.

## 8 Safety

Material Safety Data Sheets are available.

## 9 Ordering

Available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale. The Company and its representatives are often asked to comment on potential uses of Watco products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.

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## Specification

**Standard lengths for step covers** 600mm  
1000mm  
1500mm  
2000mm  
3000mm

**Step cover profiles** 220mm x 55mm  
or 345mm x 55mm

**Standard sizes for sheets** 800mm x 1200mm  
1200mm x 1200mm  
2400mm x 1200mm

**Cut to size service** Yes.

**Suitable For** Wood, metal, concrete and stone.

**Grade** Fine and coarse.

**Thickness** 5/6mm with grit.

**Service temperature** Minus 20°C to 80°C

**Impact resistant** Yes.

**Corrosion resistant** Yes.

**Chemical resistant** Yes.

**Lightweight** Yes.

**Non sparking** Yes.

**Non metallic** Yes.

**Fixing** Please refer to the Watco Firm-Step installation and maintenance guide on page 2 and 3.

## SLIP RESISTANCE TEST RESULTS

Top Surface	Dry Reading	Wet Reading
Coarse grit	76	70
Fine Grit	71	63

Watco Firm-Step<sup>®</sup> Heavy Duty GRP slip resistance levels measured using the Pendulum Test method (WF rubber slider) – certificate available on request.