

FIRM-STEP® STANDARD GRP ANTI SLIP STEP COVERS & SHEETS

For slippery steps, walkways, ramps & mezzanine floors

AREAS OF USE

- Ramps, walkways, fire escapes, all staircases, mezzanine floors and areas of medium foot traffic



FEATURES

- Suitable for industrial and commercial premises
- 55mm DDA compliant stair tread nosing
- Building regulations compliant
- Tough, chemical resistant surface
- 3 year guarantee against breakage
- Available in various colours and sizes

DESCRIPTION

Watco Firm-Step® Standard GRP Anti Slip Step Covers are an affordable and versatile solution for slippery steps. The 55mm DDA compliant nosing and tough, chemical resistant surface makes them suitable for both industrial and commercial use. They can be installed easily and quickly with Watco Adhesive Mastic and mechanical fixings, usually standard screws. These step covers can also be pre-drilled. Just call 01483 418 418 and advise the technical sales representative of the measurements. They can either be trimmed on site or we can cut them to your exact requirements, free of charge. Watco Firm-Step® Standard GRP is also available as a flat sheet and can be installed using Watco Adhesive Mastic and screws.

SPECIFICATION

Standard lengths for step covers	600mm 1000mm 1500mm 2000mm 3000mm
Step cover profile	345mm x 55mm
Standard sizes for sheets	800mm x 1200mm 1200mm x 1200mm 2400mm x 1200mm
Cut to size service	Yes
Suitable For	Wood, concrete, stone and metal.
Grade	Coarse
Thickness	4mm with grit.
Service temperature	-20°C to 80°C.

Fire retardant	ASTM D 635.
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 guide overleaf for full details.

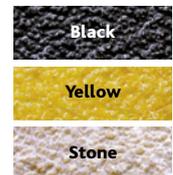
COLOURS

Step Covers



* Indicates the nosing colour

Sheets



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.

SLIP RESISTANCE TEST RESULTS

Watco Firm-Step® Standard GRP slip resistance levels measured using the Pendulum Test method (WF rubber slider) – certificate available on request:

Top Surface	Dry Reading	Wet Reading
Coarse grit	71	63

The UK Slip Resistance Group guide to slip resistance of a floor for able bodied pedestrians:

Four S Pendulum Value	Potential for Slip
Above 65	Extremely Low
35 to 65	Low
25 to 35	Moderate
25 and Below	High

To ensure that the above slip resistant levels are maintained the panels should be kept clean in accordance with the information overleaf.

INSTALLATION AND MAINTENANCE GUIDE

HANDLING & 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.

PERSONAL PROTECTION EQUIPMENT

It is recommended that the following Personal Protection Equipment is worn for installation of Firm-Step® 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
- Safety Boots

Cutting & Mechanical Fixing

- Ear Defenders
- Eye Goggles
- Dust Mask (available from Watco)
- Protective Gloves
- Safety Boots

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.

CUTTING

Firm-Step® 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® products except Firm-Step® 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.

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.

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.

CLEANING AND MAINTENANCE

Use of a stiff brush will usually be sufficient when cleaning Firm-Step® 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, Firm-Step® 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.

SAFETY

Material Safety Data Sheets are available.



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