

FibreGrid SlipGrip® Flexible Flat Sheets



Product Description

Our SlipGrip® Flexible Flat Sheets are only 1mm thick, and they are ideal for areas where an exposed edge of a thicker flat sheet might present a trip hazard. The sheets can be fixed to a floor by machinery or in a doorway and can be used on undulating walkways and ramps, or surfaces that are not perfectly flat.

SlipGrip® Flexible Flat Sheets offer total manoeuvrability, while retaining their strength, so they will not crack.

Our SlipGrip® Flexible Flat Sheets are the quickest and easiest of our flat sheet range to install.

SlipGrip® Flexible Flat Sheets are available in black, yellow and white. They can either be trimmed on site or we can cut them to your exact requirements, free of charge.

Southern Office: Unit 2, Civic Industrial Estate, Homefield Road Central, Haverhill, Suffolk, CB9 8QP
Northern Office: Kingston House, 3 Walton Road, Pattinson North, Washington, Tyne & Wear, NE38 8QA

Online: www.fibregrid.com
Email: sales@fibregrid.com
Phone: 01440 712722
Fax: 01440 712733



Characteristics

- Low profile - no trip hazard
- Ideal for laying down indoorways, around oily machinery, or on floors that are prone to getting wet
- Long lasting and durable
- Highly flexible - at only 1mm thick can be moulded into the shape of the floor
- Easy to replace - as these sheets are small (up to 2400mm wide x 1200mm long) and applied using adhesive alone (no fixing kits), if one does get accidentally damaged it is easy to remove and replace with another.
- Crack resistant
- Lightweight
- Ideal for low foot traffic or uneven areas e.g. undulating walkways or surfaces that are not perfectly flat

Suitable Applications

- Ramps
- Walkways
- Mezzanine floors

Suitable Substrates

- Wood
- Concrete
- Stone
- Metal

Technical Data

Standard sizes for sheets:	600mm x 600mm 800mm x 1200mm 1200mm x 1200mm 2400mm x 1200mm
Cut to size service:	Yes
Colours:	Black, Yellow and White
Tolerances (including cut):	+/- 3-4mm
Grade:	Coarse
Thickness:	1mm with grit
Service temperature:	-20°C to 80°C

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Slip Resistance Values

Measured using the Pendulum test method (WF rubber slider)
- certificate available on request.

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

Top Surface	Dry Reading	Wet Reading
Coarse Grit	71	63

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 resistance levels are maintained, the floor sheets should be kept clean.

Cleaning Guide and Tips

Use of a stiff brush will usually be sufficient when cleaning SlipGrip® Flexible Flat Sheets to remove everyday dirt. For a more stubborn contamination, it is recommended that a mild detergent such as SlipGrip® Degreaser is used and then rinsed with cold water. It is important to remove any excess water from the Flat Sheets prior to being put back into use with suitable absorbent materials. Where circumstances allow, SlipGrip® Flexible Flat Sheets 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.

Handling & Storage

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

Personal Protection Equipment

It is recommended that the following Personal Protection Equipment is worn for installation of SlipGrip® Flexible Flat Sheets and further protective measures may be necessary but this will depend on the installation environment:

Bonding	Cutting & Mechanical Fixing
Eye goggles	Ear defenders
Protective gloves	Eye goggles
Safety boots	Dust mask (available from FibreGrid)
	Protective gloves
	Safety boots

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Cutting

SlipGrip® Anti Slip Flat Sheets 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 as 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

FibreGrid offers a free cut to size service for all SlipGrip® products. When you place your order, inform the technical advisor that you intend to install the product yourself and they will tailor the order to meet your requirements

Preparation

Ensure that the area is clean, dry and free from loose and friable material. Any “dished” or damaged surface areas should be patch repaired to provide a reasonably flat and consistent surface.

Dry fit all SlipGrip® panels to ensure they fit freely and that they sit flat down on the surface. If required, SlipGrip® Flexible Flat Sheets can be trimmed on site to suit, ideally using a skill saw with a 4mm diamond blade or an angle grinder with a 1mm blade.

Please ensure that goggles and gloves are worn at all times when any form of cutting is involved.

Application

Apply an approx. 6mm bead (this may need to be increased dependant on the substrate conditions) of the high strength gap filling adhesive around the periphery of the underside of the SlipGrip® panels approx. 25mm in from the edges.

Then, starting from the bottom left corner come up at an angle (approx. 200mm across) and then down at an angle, to create a ‘peak and a trough’, repeat this until you reach the end. Immediately press the panel firmly to the substrate to ensure adequate transfer of adhesive (depending on the size of the bead, this will elevate the sheet by approximately 1-1.5mm).

A firm bond will be achieved in about one hour under normal circumstances and conditions.

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