



FibreGrid Limited
Creating a Safer Environment

Creating a Safer Environment

INTRODUCTION

Company Profile

FibreGrid is recognised as a market leader in the glass reinforced plastic (GRP) industry, with the core product range based around anti slip flooring surfaces. Our high quality anti slip safety range has been keeping people on their feet in both the public and private sectors since 2001.

Operating from offices in the UK, FibreGrid is committed to investing in and developing new products, as well as enhancing the current range to meet the highest possible safety standards that complement our mission of 'Creating A Safer Environment'. This also means that you can rest assured that everything we produce meets, where relevant, the Disability Discrimination Act and current Building Regulations.

Further information, including general data sheets and COSHH sheets, that is not contained within this brochure is available on request. You can also visit www.fibregrid.com for detailed information on individual products. Method Statements and Risk Assessments are prepared individually for each application. Sample statements are also available on request.

Products

At FibreGrid, the team work extremely hard to ensure that everything we offer you is fit for purpose and performs to the highest possible standard. All our products are quality checked using ISO 9001 systems to ensure they will survive the harshest of environments.

To ensure that our products meet your needs, free samples are available on many lines so you can assess the quality and suitability.

Service & Delivery

FibreGrid holds large stocks of all products at our head office in Haverhill, Suffolk in the South East of England. This means that we can normally offer a fast turnaround for your order, regardless of size. Most UK and European orders are generally delivered within two to three days maximum. We are also happy to export to virtually anywhere in the world.

Our experienced and friendly customer service team is on hand to help you with any queries you might have, and to help you decide on which products best suit your particular application. Please do not hesitate to contact us - we are here to help.

A Higher Quality of Product and Service

QUICK CONTACT



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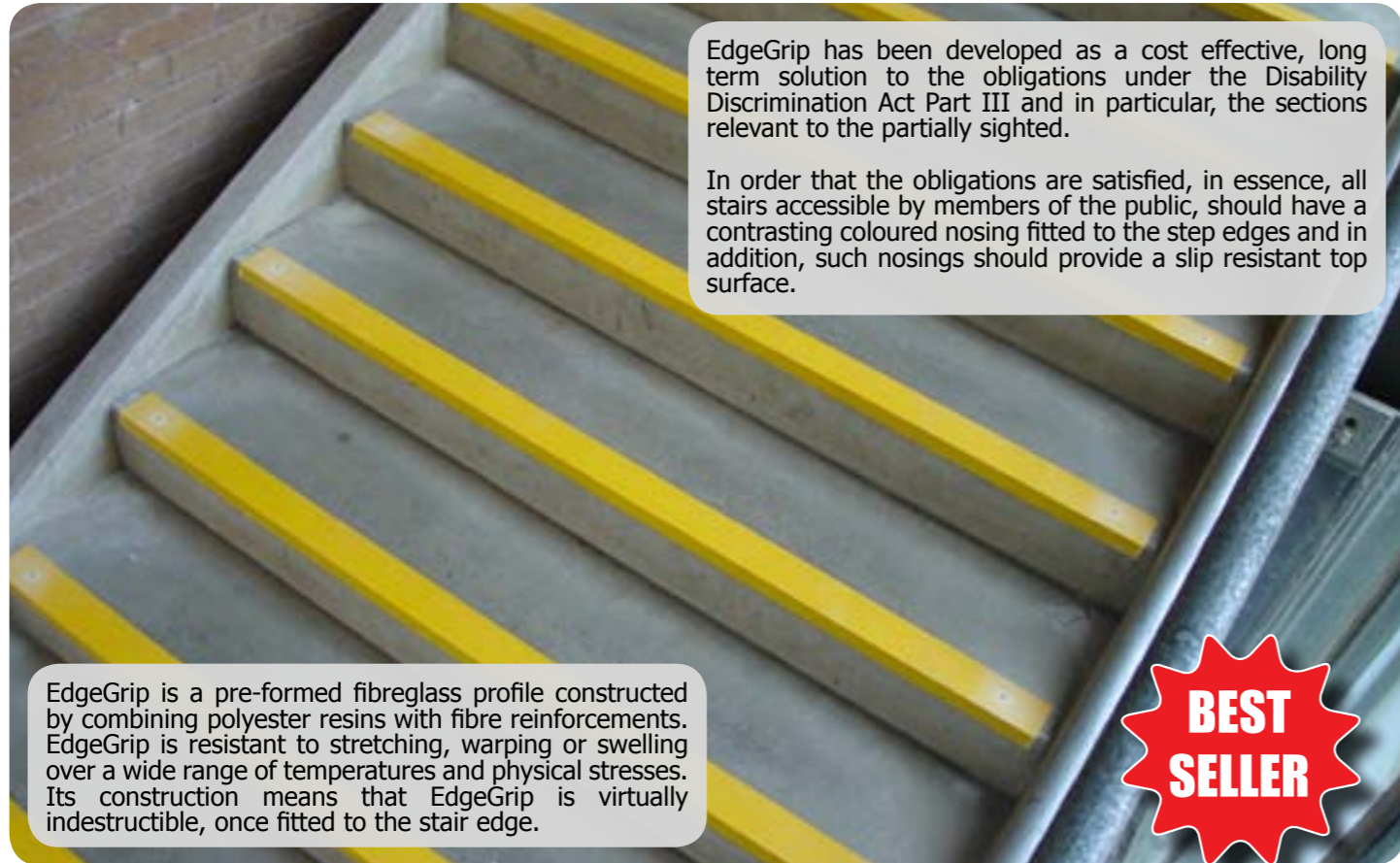
Post:
**FibreGrid Limited, Unit 2, Civic Industrial Estate,
Homefield Road, Haverhill, Suffolk, CB9 8QP, UK**

CREATING A SAFER ENVIRONMENT

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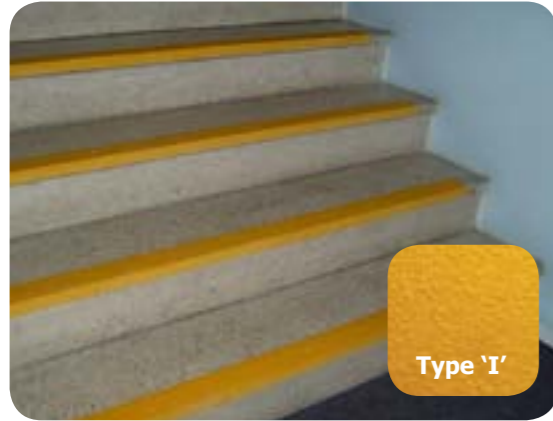


EdgeGrip has been developed as a cost effective, long term solution to the obligations under the Disability Discrimination Act Part III and in particular, the sections relevant to the partially sighted.

In order that the obligations are satisfied, in essence, all stairs accessible by members of the public, should have a contrasting coloured nosing fitted to the step edges and in addition, such nosings should provide a slip resistant top surface.

BEST SELLER

EdgeGrip is a pre-formed fibreglass profile constructed by combining polyester resins with fibre reinforcements. EdgeGrip is resistant to stretching, warping or swelling over a wide range of temperatures and physical stresses. Its construction means that EdgeGrip is virtually indestructible, once fitted to the stair edge.



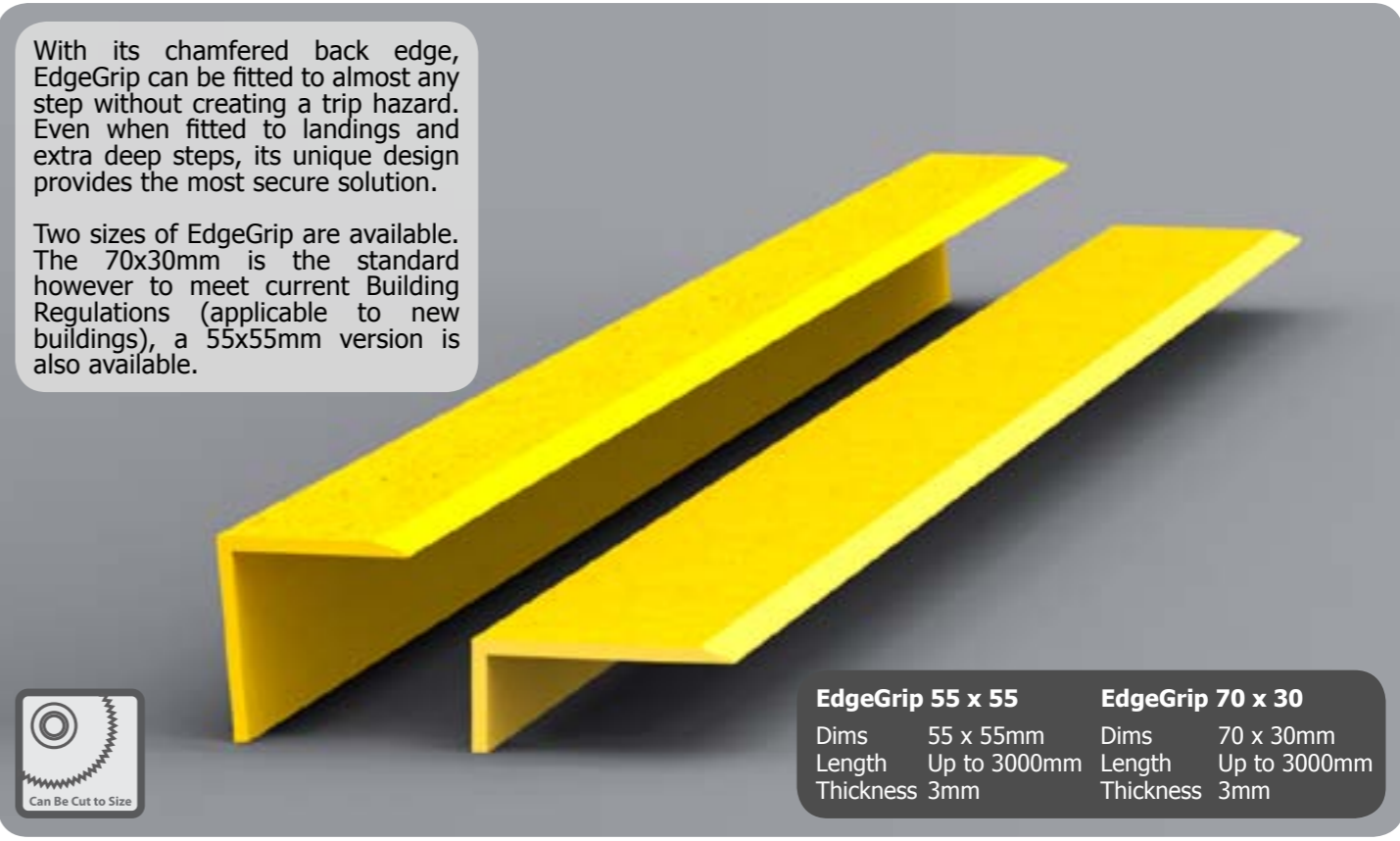
Type 'I'



Type 'E'

Two types of grit surface are available, Type 'I', with its smaller grit size, offers good slip resistance whilst allowing a surface that is reasonably easy to clean. Type 'E', with a much heavier grit profile is ideal for the rigours of the external environment.

- ### BENEFITS
- EASY INSTALLATION
 - ROBUST FIBREGLASS
 - SLIP RESISTANT SURFACE
 - FITS ALMOST ANY STAIR
 - FEATHERED BACK EDGE
 - HIGH VISIBILITY COLOUR
 - COST EFFECTIVE SOLUTION
 - MEETS NEW LEGISLATION



With its chamfered back edge, EdgeGrip can be fitted to almost any step without creating a trip hazard. Even when fitted to landings and extra deep steps, its unique design provides the most secure solution.

Two sizes of EdgeGrip are available. The 70x30mm is the standard however to meet current Building Regulations (applicable to new buildings), a 55x55mm version is also available.



EdgeGrip 55 x 55		EdgeGrip 70 x 30	
Dims	55 x 55mm	Dims	70 x 30mm
Length	Up to 3000mm	Length	Up to 3000mm
Thickness	3mm	Thickness	3mm



"Quick and easy installation"

COLOURS



The standard stock colours available are Yellow and White however, any BS or RAL colour is available subject to minimum order quantities and extended delivery periods.

EdgeGrip can be supplied in full 3000mm lengths to be cut on site or can be cut to your required size by us.

The nosings are simply glued and screwed to the existing substrate, which means it can be walked on immediately thus keeping disruption to busy environments to a minimum. EdgeGrip is extremely easy to install but FibreGrid do offer a full nationwide installation service for companies without the facility of a maintenance department.

APPLICATIONS





EdgeGrip Glow is constructed using photoluminescent resins. These resins omit a photoluminescent glow in the event of sudden darkness, providing an excellent step safety enhancement.

EdgeGrip Glow is ideal if there is a sudden power failure on stairways, which could hinder safe evacuation.

“Excellent enhancement to our fire and stair safety policy”

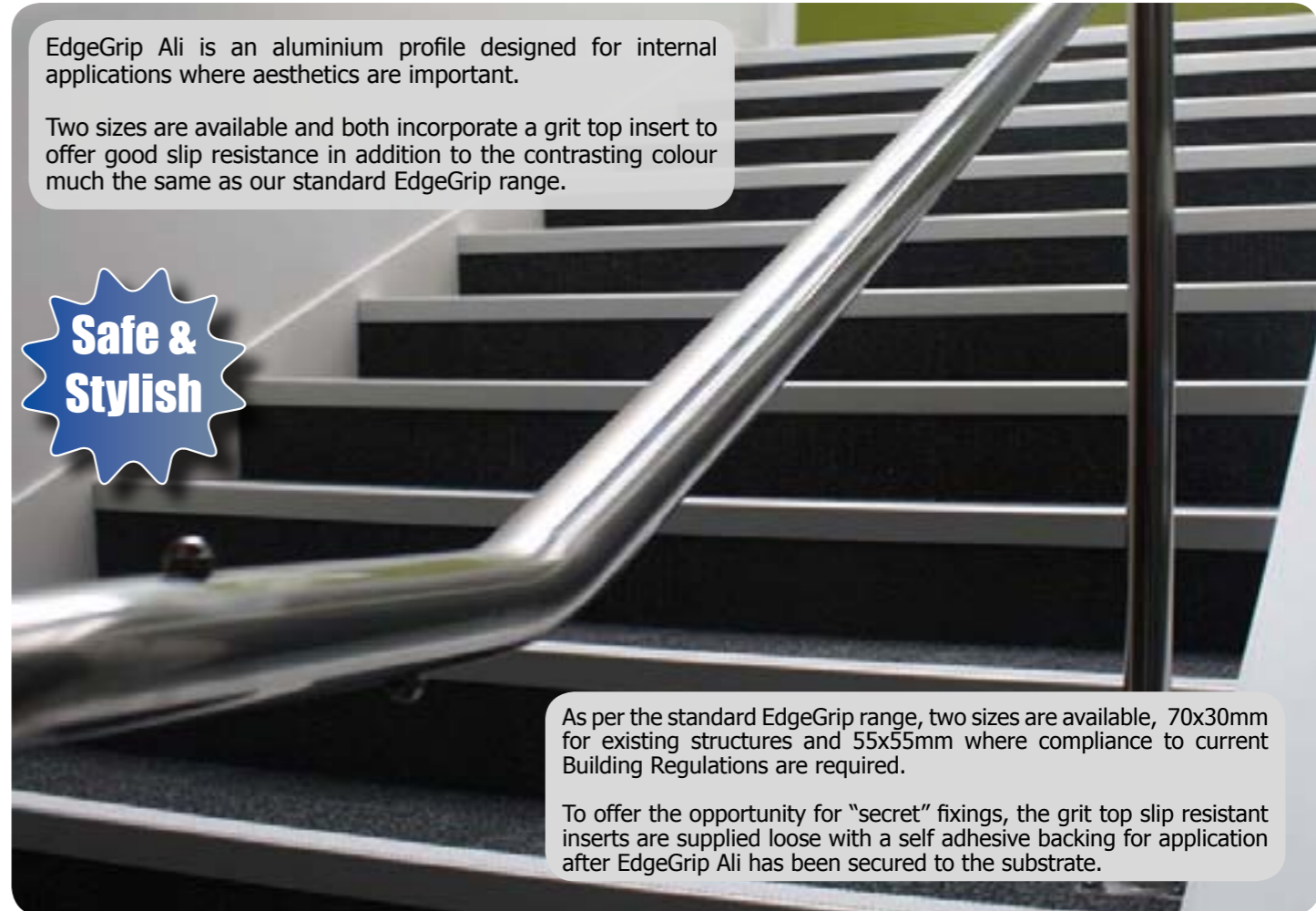
In addition to the glow characteristics, EdgeGrip Glow will also provide a clear contrasting slip resistant nosing, much the same as the standard EdgeGrip profile, during normal daylight hours.

EdgeGrip Glow is currently only available in a standard 70x30mm profile to deal with older style buildings, which are not covered under the requirements of the new current Building Regulations.

A 55x55mm version is available as a special order but subject to extended lead time and minimum order quantities.



EdgeGrip Glow Dimensions
 Dims 70mm x 30mm
 Length Up to 3000mm
 Thickness 3mm



Safe & Stylish


EdgeGrip Ali is an aluminium profile designed for internal applications where aesthetics are important.

Two sizes are available and both incorporate a grit top insert to offer good slip resistance in addition to the contrasting colour much the same as our standard EdgeGrip range.

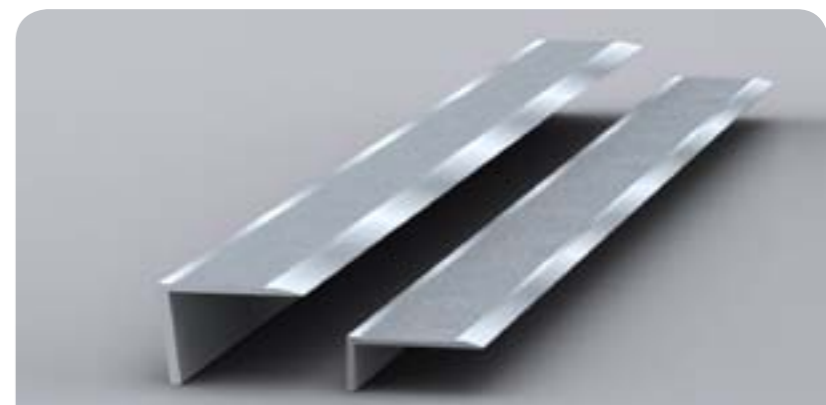
As per the standard EdgeGrip range, two sizes are available, 70x30mm for existing structures and 55x55mm where compliance to current Building Regulations are required.

To offer the opportunity for “secret” fixings, the grit top slip resistant inserts are supplied loose with a self adhesive backing for application after EdgeGrip Ali has been secured to the substrate.

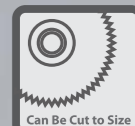
COLOURS



Both profiles are available in either powder coated Grey/silver or powder coated Yellow.



EdgeGrip Ali 55 x 55	EdgeGrip Ali 70 x 30
Dims 55mm x 55mm	Dims 70mm x 30mm
Length Up to 3000mm	Length Up to 3000mm
Thickness 3mm	Thickness 3mm





SlipGrip, which provides an anti slip covering for the entire step and landing areas, is used whenever a slip hazard is present. A special hard wearing grit is applied to the top surface, which not only offers an extremely slip resistant surface, but also withstands the demands of even the most heavily trafficked areas. Complete with a contrasting coloured nosing, SlipGrip ensures that the DDA legislation is satisfied.

SlipGrip is really easy to install and most maintenance departments will be able to fit it with ease. FibreGrid is more than happy to cut to size, free of charge, so that the only fitting needed is to 'screw and glue'.



BENEFITS

DURABILITY

SlipGrip is a high quality composite of glass woven matting impregnated with isophthalic polyester resin. The energy absorption and flexibility of SlipGrip ensures its long life, even in the busiest of environments.

SLIP RESISTANT

A special hard wearing grit is added in the final layer of the laminate providing a superb slip resistant and hard wearing surface.

CORROSION RESISTANT

SlipGrip is resistant to a wide range of chemicals and is perfectly suited for use even in the harshest of environments. Chemical resistance guides are available on request.

SIMPLE TO INSTALL

The versatility of SlipGrip allows application to almost any surface such as concrete, steel or wood. Supplied as a finished product SlipGrip can be walked on immediately, keeping disruption to a minimum.

DDA & BUILDING REGS.

SlipGrip's contrasting coloured nosing complies with the UK Building Regulations as applicable from May 2004 and those obligations required under the Disability Discrimination Act.

COLOURS



Available in Black with a Yellow nosing, Black with a White nosing or all Stone as stock colours.



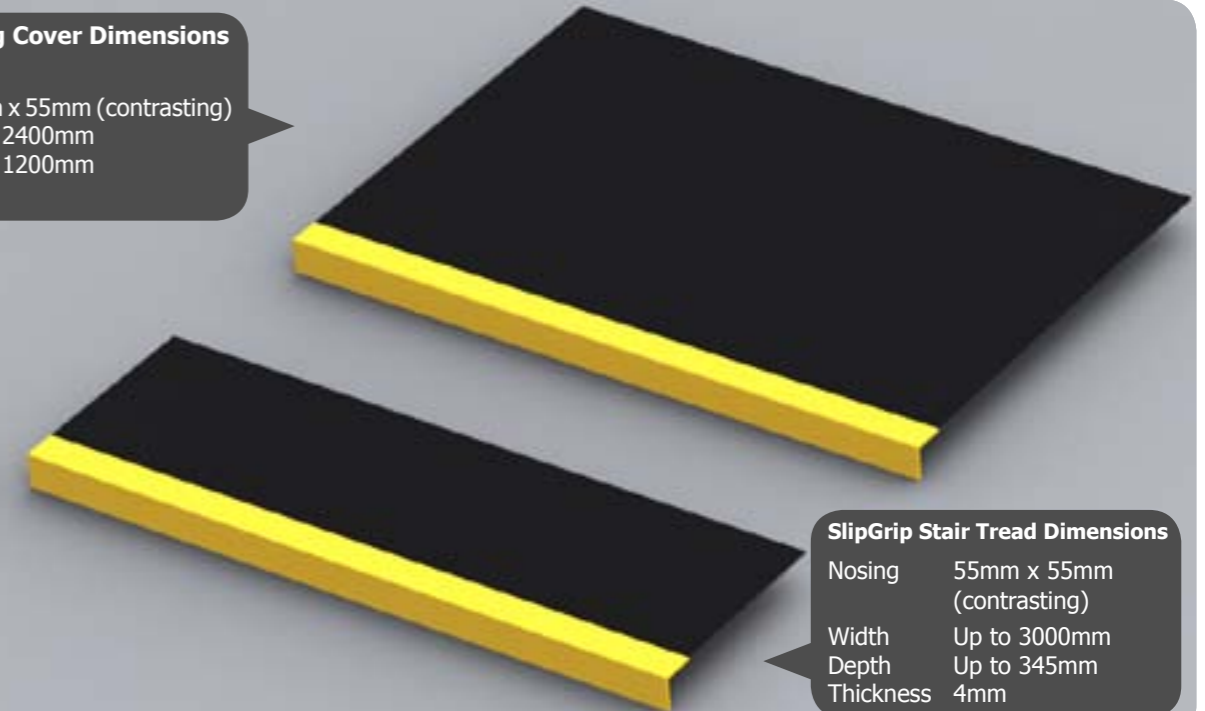
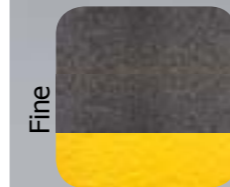
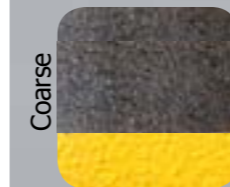
The majority of external staircases are constructed from steel and the treads are formed using 'checker plate'. Whilst this traditional construction method provides adequate structural strength, the checker plate is notoriously slippery in wet and icy conditions.

SlipGrip Stair Tread Covers are manufactured by building up multiple layers of fibreglass reinforcement with specially formulated resins resulting in a solid composite panel with a carbon and special hard wearing grit surface.

SlipGrip Stair Treads and Landing Covers simply fit over your existing substrate to instantly improve stair safety with regards to slip resistance but the fact that the nosing is contrasting in colour to the rest of the tread means that the step edge is easily identified when ascending and descending.

SlipGrip Landing Cover Dimensions (Coarse only)

Nosing 55mm x 55mm (contrasting)
Width Up to 2400mm
Depth Up to 1200mm
Thickness 4mm



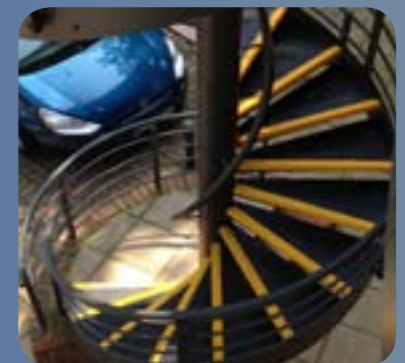
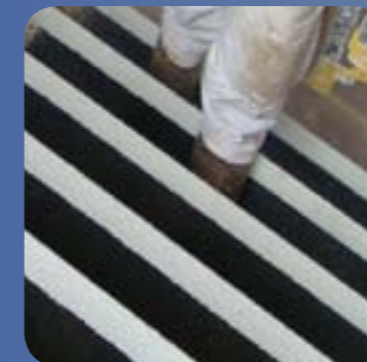
SlipGrip Stair Tread Dimensions

Nosing 55mm x 55mm (contrasting)
Width Up to 3000mm
Depth Up to 345mm
Thickness 4mm

"Installed over virtually any surface to make an immediate safety transformation"

APPLICATIONS

- AMUSEMENT PARKS
- FIRE ESCAPES
- SCHOOLS / COLLEGES
- SPORTS STADIUMS
- RAILWAY STATIONS
- FOOD PROCESSING PLANTS
- RESTAURANTS
- CHEMICAL PLANTS
- WASTE WATER FACTORIES
- HOUSING ESTATES
- AND MANY MORE



The unique special hard wearing grit, embedded in to the 4mm thick fibreglass substrate, provides an excellent slip resistant surface.

The grit particles form pinnacles which minimise the surface contact of the foot, thus dramatically increasing the slip resistance. Traditional standard checker-plate steps have much larger foot contact points and therefore greatly increase the possibility of slips.



Building Regs & DDA Compliant



SlipGrip Stair Tread Covers are ideal for use in any area where frequent use or exposure to slippery environments increases the risk of accidents. The stair and landing covers feature a durable gritted surface and a highly visible nosing to ensure years of safe, minimal maintenance service.

They also improve the appearance of warped, chipped, and rotten steps and are perfect for use in commercial building applications where it is important to maintain an attractive appearance.

The total depth of the standard tread is 345mm. To ensure compliance with current Building Regulations the contrasting coloured section, either yellow or white is incorporated onto the front 55mm of the nosing.

SIMPLE INSTALLATION

Using a combination of adhesive and mechanical fixings, SlipGrip can be fitted over the existing treads quickly to provide an immediate and long lasting solution to slip problems.

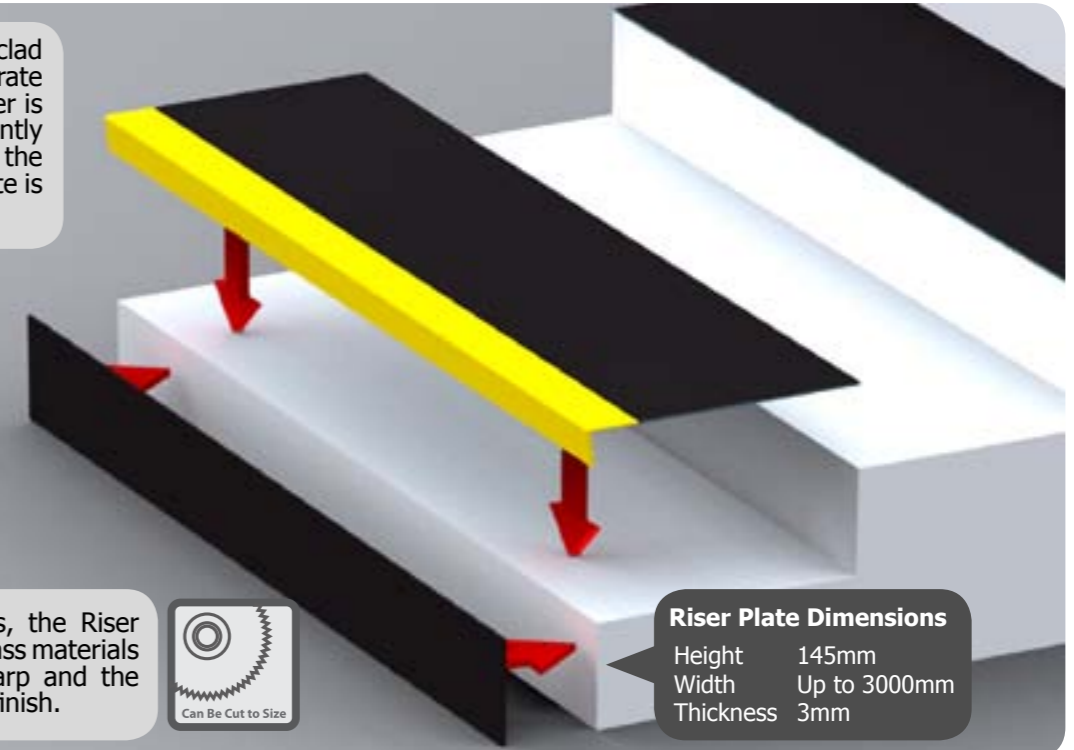
Preparation work is normally a minimal task and given that a standard flight of stairs (assuming 20 steps) can be installed in a matter of a few hours, installation can normally be incorporated in to normal maintenance schedules therefore eliminating "out of service" scenarios.

For larger projects, or in the absence of maintenance staff, a full nationwide installation service is available.

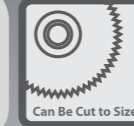


Call us Now: 01440 712722 for an instant quote

SlipGrip Riser Plates simply clad over the existing riser substrate and then the stair tread cover is fitted over the top. This instantly transforms any staircase as the whole of the original substrate is covered.



Like the Stair Tread Covers, the Riser Plates are made from fibreglass materials so will not rot, twist or warp and the front surface has a smooth finish.



Riser Plate Dimensions	
Height	145mm
Width	Up to 3000mm
Thickness	3mm

BENEFITS

Covers Existing Substrate

Building Regulations state that all risers should be between 150mm and 170mm. SlipGrip Riser Plates when combined with SlipGrip Stair Treads are able to deal with the majority of riser heights.

Visually Transforms

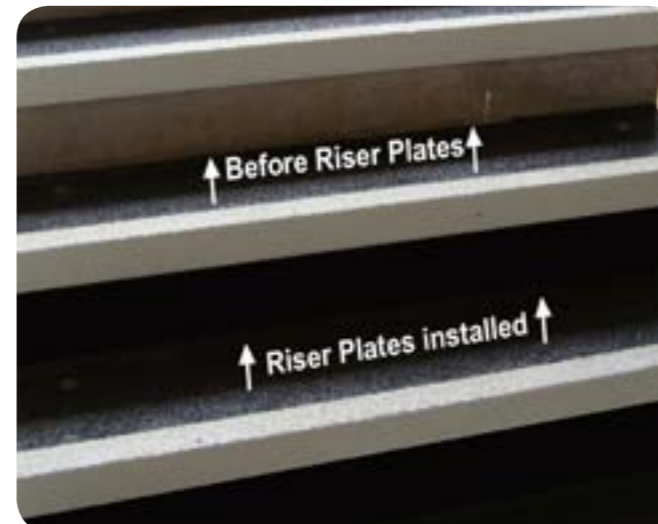
Generally existing risers are the same as the main substrate, Riser Plates clad and cover the existing riser and completes the look of the stairs.

Fast Installation

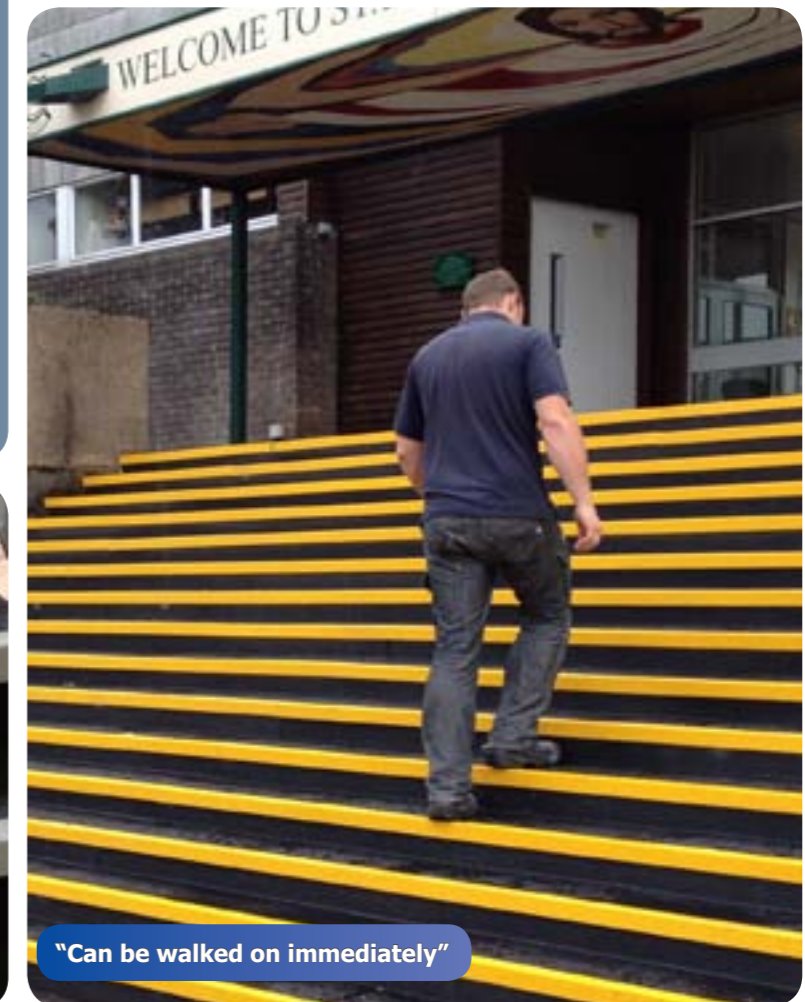
Simply glued in place and with the addition of SlipGrip Stair Tread Covers provides a secondary fixing method.

Minimum Maintenance

Simply wipe over with warm soapy water. This is a major benefit over painted risers which need sanding and repainting on a regular basis.



SlipGrip Riser Plates



"Can be walked on immediately"

Email: sales@fibregrip.com

Web: www.fibregrip.com



The SlipGrip Flat Sheet, which has the same characteristics as SlipGrip Stair Treads and Landing Covers is ideal for walkways, ramps, gangways, factory floors etc.

As with the Stair Treads, the product has a special hard wearing grit chemically bonded to the top surface, this offers superior slip resistance, even in wet or oily conditions.

EASY INSTALLATION



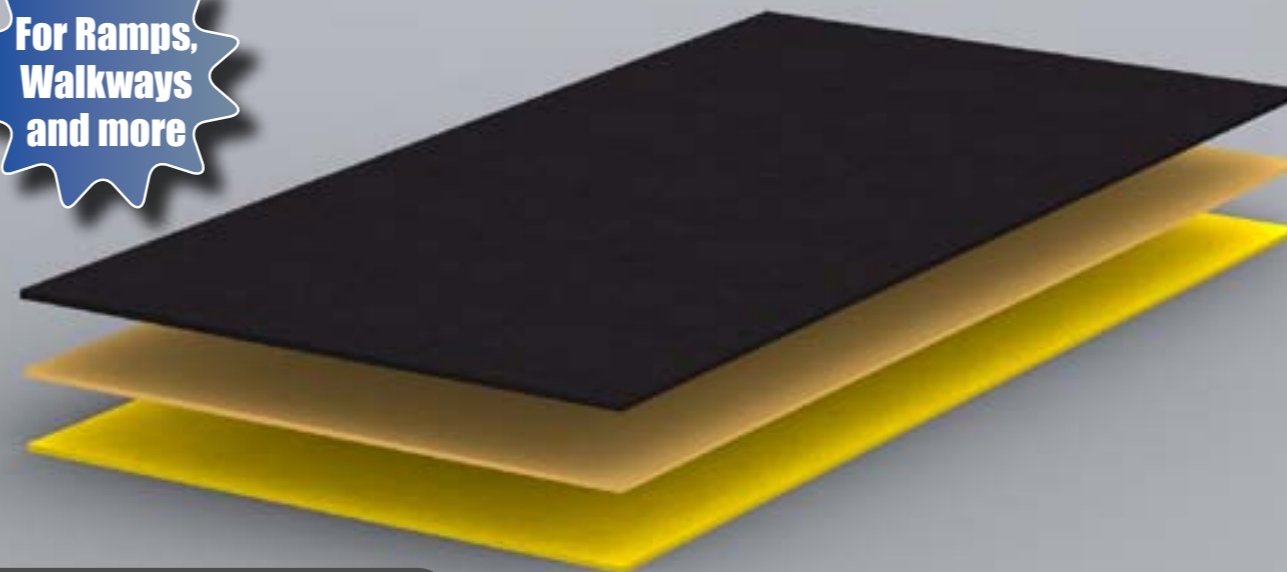
The applications for SlipGrip Flat Sheet are extremely wide and varied, due to the simplicity of installation of the product.

The product is suitable for many areas and recent applications include marina walkways, warehouse flooring, disabled access ramps, retirement home entrance area (fitted in yellow), factory walkways and many more!!

APPLICATIONS



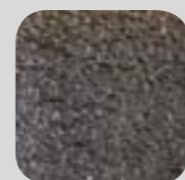
For Ramps, Walkways and more



SlipGrip Flat Sheet Dimensions
 Width 1200mm
 Length 2400mm & 3000mm (Fine only)
 Thickness 4mm



FINISHES

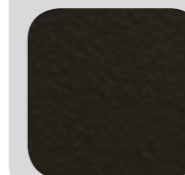


Coarse

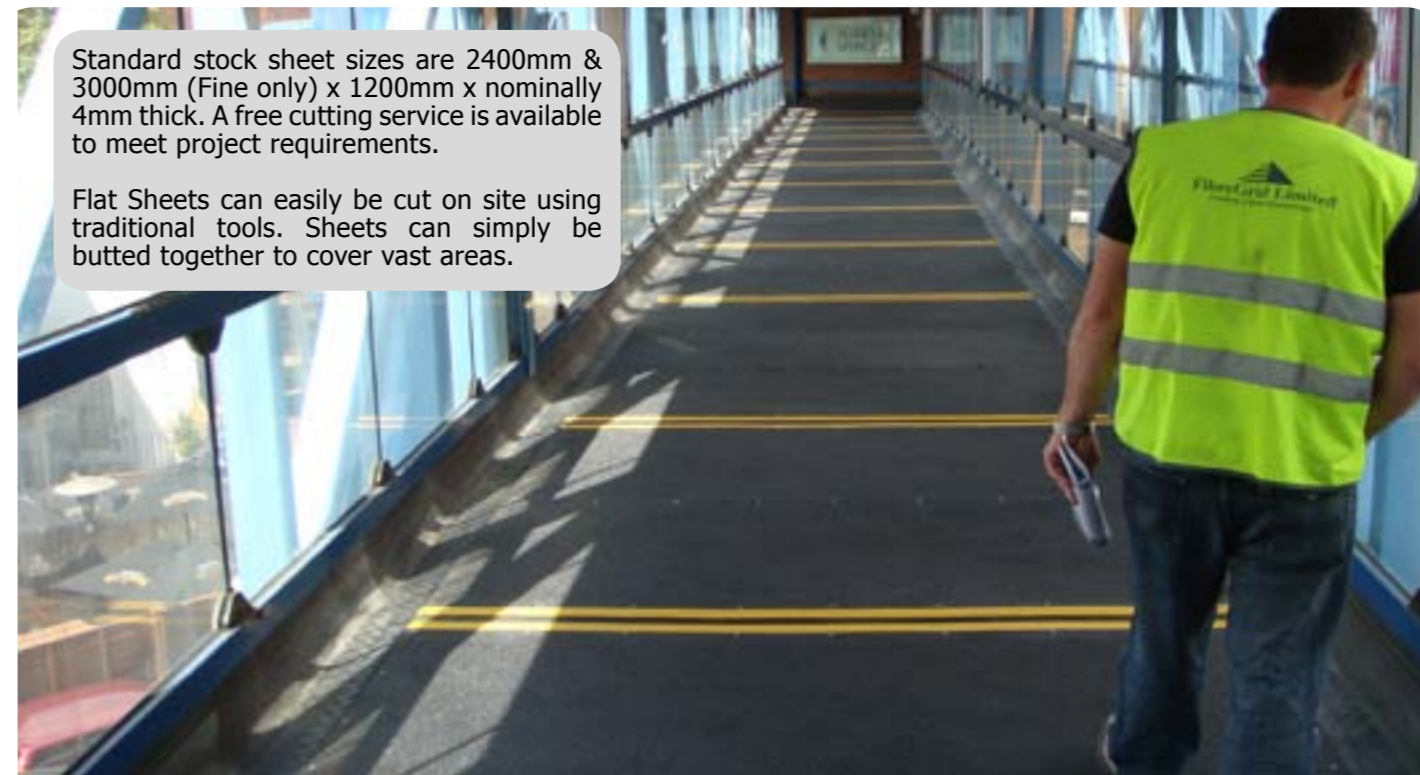


Fine

COLOURS

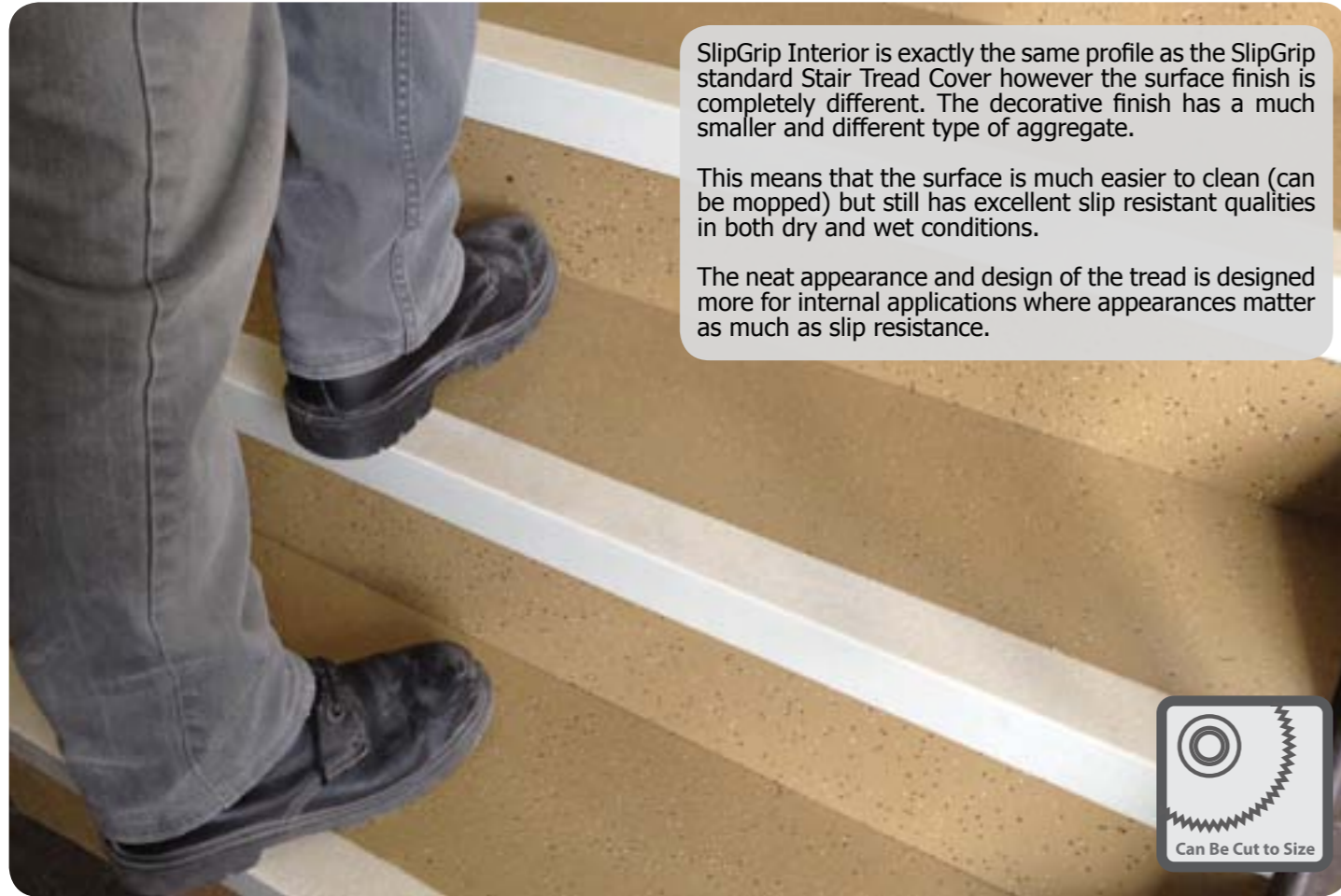


Available in Black, Stone (Coarse only) and Yellow (Coarse only) as stock items. Other colours available on request.



Standard stock sheet sizes are 2400mm & 3000mm (Fine only) x 1200mm x nominally 4mm thick. A free cutting service is available to meet project requirements.

Flat Sheets can easily be cut on site using traditional tools. Sheets can simply be butted together to cover vast areas.



SlipGrip Interior is exactly the same profile as the SlipGrip standard Stair Tread Cover however the surface finish is completely different. The decorative finish has a much smaller and different type of aggregate.

This means that the surface is much easier to clean (can be mopped) but still has excellent slip resistant qualities in both dry and wet conditions.

The neat appearance and design of the tread is designed more for internal applications where appearances matter as much as slip resistance.



BENEFITS

VISUAL

Unlike the standard SlipGrip Tread Cover, which is more suited for industrial type applications, SlipGrip Interior will complement the design of any type of staircase with its smart decorative appearance.

SLIP RESISTANCE

SlipGrip Interior still offers excellent slip resistant values, with Dry readings of 87 and wet 38. So you can be assured that your staircase is safe and secure.

EASY MAINTENANCE

Because the slip resistant surface is a special type of fine aggregate, cleaning is a simple process and should not require any different cleaning regimes than standard surfaces.

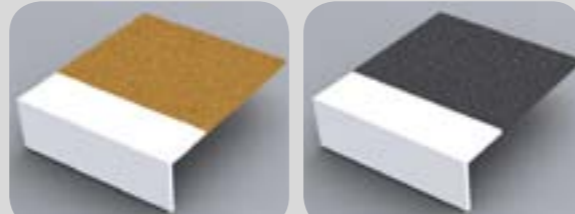
SIMPLE TO INSTALL

The versatility of SlipGrip allows application to almost any surface such as concrete, steel or wood. Supplied as a finished product SlipGrip can be walked on immediately, keeping disruption to a minimum.

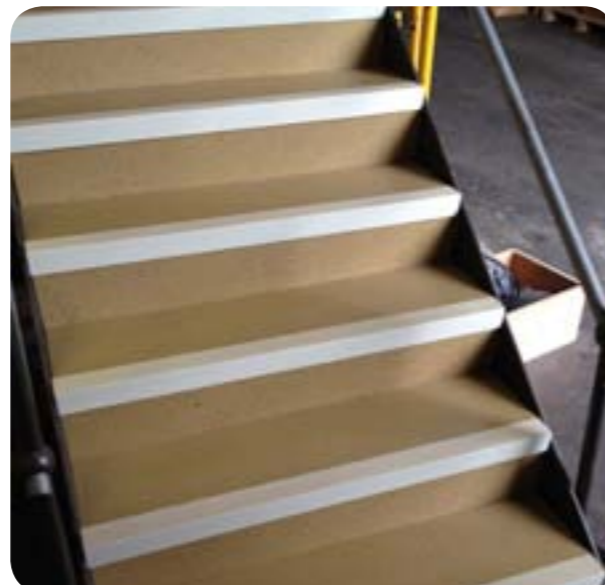
DDA & BUILDING REGS.

SlipGrip's contrasting coloured nosing complies with the UK Building Regulations as applicable from May 2004 and those obligations required under the Disability Discrimination Act.

COLOURS



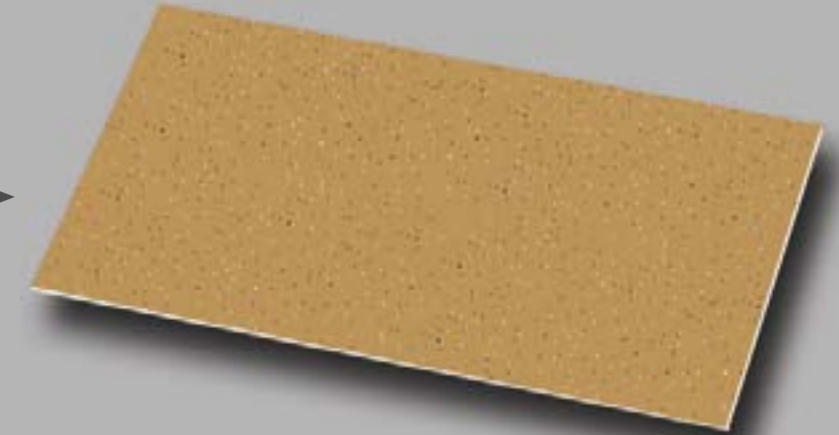
Available in 'Stone' with a White Nosing and 'Slate Grey' with a White nosing



DIMENSIONS

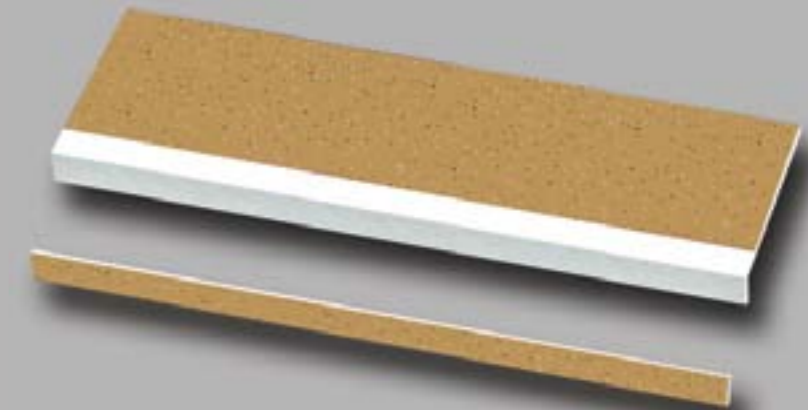
Flat Sheet

Width 3000mm
Depth 1200mm
Thickness 4mm



Stair Tread Covers

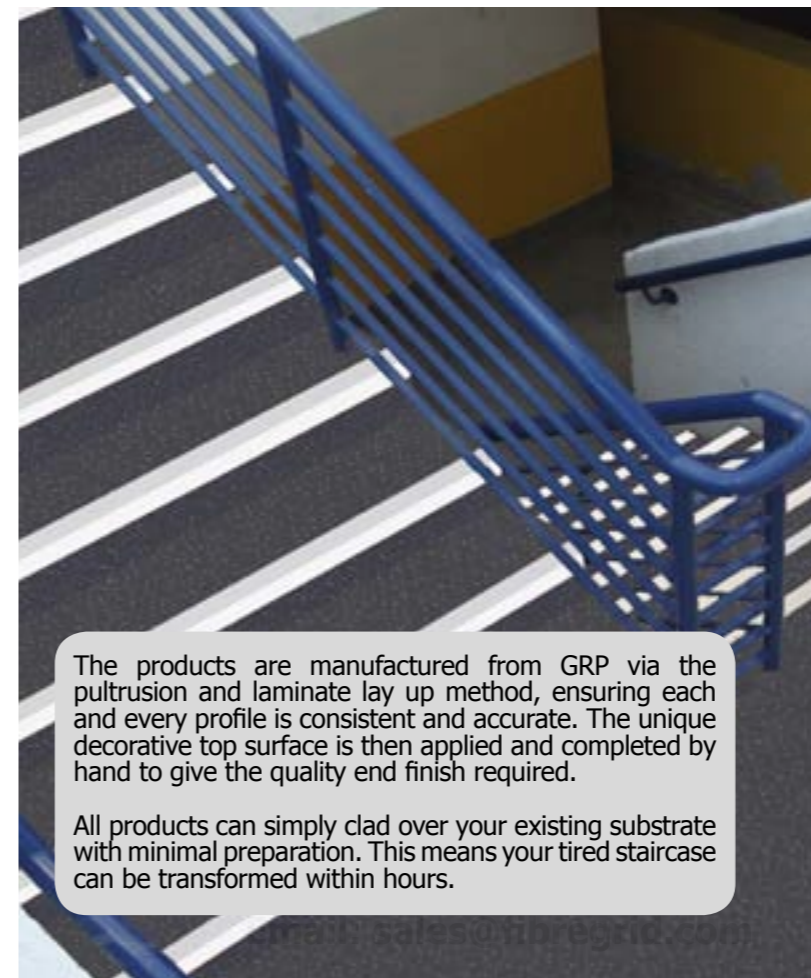
Width Up to 3000mm
Depth Up to 345mm
Thickness 4mm
Nosing 55mm x 55mm (contrasting)



Riser Plates

Height 145mm
Width Up to 3000mm
Thickness 4mm

Refined appearance but with a slip resistant easy clean finish



The products are manufactured from GRP via the pultrusion and laminate lay up method, ensuring each and every profile is consistent and accurate. The unique decorative top surface is then applied and completed by hand to give the quality end finish required.

All products can simply clad over your existing substrate with minimal preparation. This means your tired staircase can be transformed within hours.





TactileGrip is a 4mm thick GRP tile incorporating raised profiles to warn people when they are approaching a change in elevation such as railway platforms, pedestrian crossings, staircase ascent and descent areas and many other applications. Available in blister and corduroy designs, all with an anti slip top surface for increased wear and slip resistance.

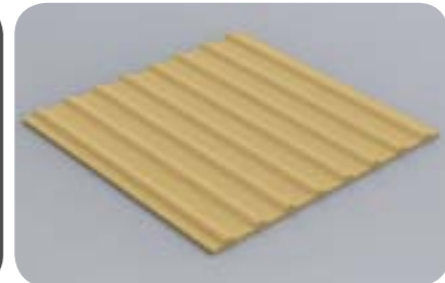
Building Regs & DDA Compliant

Corduroy Tactile

The purpose of the corduroy surface is to warn visually impaired people of the presence of hazards, such as stairs, level crossings or the approach to on-street light rapid transit (LRT) platforms. Consisting of rows of parallel half round bars, it conveys the message "hazard, proceed with caution".

Corduroy Tactile Dimensions

Length	400mm
Width	400mm
Thickness	4mm
Rib Height	6mm
Distance Between Ribs	30mm
Rib Width	20mm

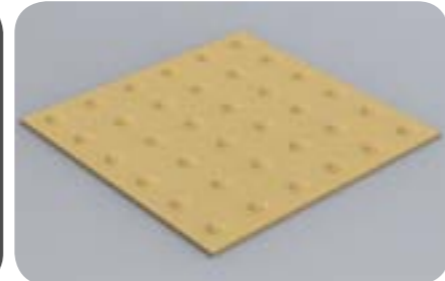


Blister Onstreet Tactile

Designed to provide a warning to visually impaired people who would otherwise, in the absence of a kerb upstand, find it difficult to differentiate between where the footway ends and the carriageway begins. The surface is therefore an essential safety feature for this group of road users at pedestrian crossings.

Blister Onstreet Dimensions

Length	400mm
Width	400mm
Thickness	4mm
Dome Height	5mm
Distance Between Domes	40mm
Dome Diameter	25mm

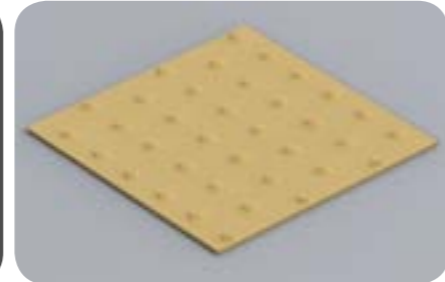


Blister Offstreet Tactile

Flat topped domes are set in evenly spaced rows, parallel to the direction of travel along the platform. The offset of the domes indicates the direction of travel to the train. The surface can be any colour other than red, but should provide a good contrast with the surrounding area to assist partially sighted people.

Blister Offstreet Dimensions

Length	400mm
Width	400mm
Thickness	4mm
Dome Height	5mm
Distance Between Domes	45/115mm
Dome Diameter	20mm



TactileGrip is exceptionally versatile, due to its nominal 4mm thickness. It can easily be incorporated into existing work place areas without needing to shut down the area for long periods of time. TactileGrip is UV stable which means that the product is suitable for both external and internal applications.

"The corduroy {tactile} surface should extend across the full width of the stairs at both the top and bottom of the flight."

Department of Transport, Local Government and the Regions

COLOURS



Available in Buff and Red however, any BS or RAL colour is available subject to order quantities and extended delivery.



BENEFITS

- COMPLIES WITH BUILDING REGS.
- NO EXCAVATION WORK REQUIRED
- FITS OVER EXISTING SURFACES
- MEETS DDA GUIDELINES
- SLIP RESISTANT SURFACE
- INTERNAL OR EXTERNAL
- EASY INSTALLATION

Installation of TactileGrip is quick and extremely easy. TactileGrip tiles are glued and screwed to the existing substrate therefore eliminating the need for time consuming and costly excavation. TactileGrip, in all three surface versions, are available in 400mm x 400mm standard tiles.

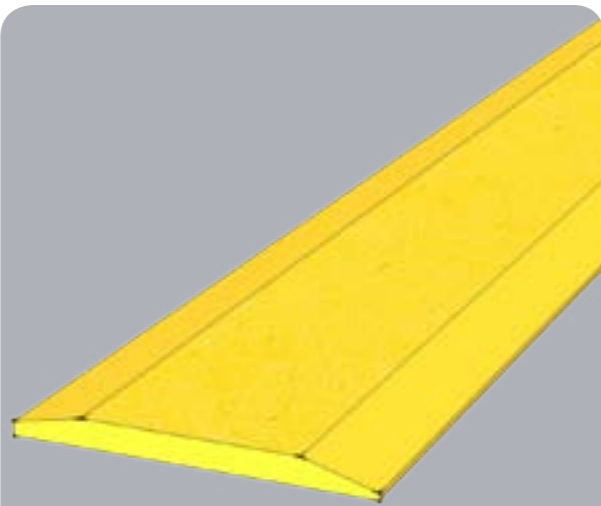


DuraLine is a revolutionary new line marking product aimed at providing a permanent solution to companies line marking requirements. DuraLine, is a tough pultruded fibreglass profile, the construction method, which combines resin and fibres, means that it is an exceptionally hard wearing product designed for long life.



DuraLine comes in standard lengths of 3000mm. It has pre-drilled holes at approximately 500mm centres. DuraLine is 50mm wide and 3mm thick. The chamfered sides are incorporated to reduce the possibility of causing a trip hazard.

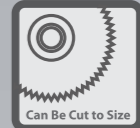
DuraLine reduces the time and effort needed to prepare the surfaces, masking off and dealing with wet paint. Simply lay down string lines and secure the DuraLine profile in place through the pre-drilled holes, it is as easy as that.



DuraLine Dimensions
 Length 3000mm
 Width 50mm
 Thickness 3mm
 Colours Yellow & White
 Other Info Pre-Drilled Holes

BENEFITS

- PERMANENT SOLUTION
- TOUGH, DURABLE GRP
- CONTRASTING COLOUR
- PRE-DRILLED FIXING HOLES
- TAPERED EDGES
- TACTILE RIDGE SURFACE
- PEDESTRIAN SAFETY



"Bespoke available"

SlipGrip Floor Graphics are a superb enhancement to work place safety. Floor graphics have been around for many years but none have ever offered a slip resistant long lasting surface that SlipGrip Floor Graphics does.

Resistant to oil and water, SlipGrip Floor Graphics combine the amazing slip resistance of standard SlipGrip Stair Treads but allows you to choose whichever graphic or warning you want to convey.

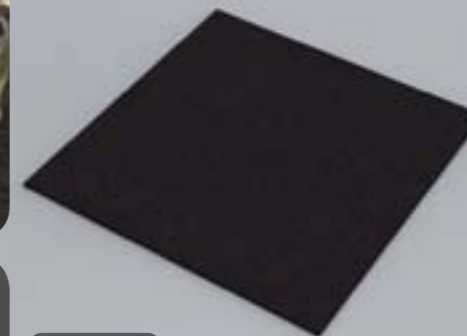
The sheets are simply glued to a clean and dry substrate using a suitable contact adhesive or similar to provide a permanent slip resistant floor graphic.

Any image can be printed directly onto the SlipGrip Floor Graphics, For example, you can use them for safety or promotional purposes.

SlipGrip Floor Graphics Dimensions

Length 600mm or 1200mm
 Width 600mm or 1200mm
 Thickness 1mm

SlipGrip Flat Tile



SlipGrip Flat Tile Dimensions

Width 600mm
 Length 600mm
 Thickness 4mm
 Colours Black & Stone
 Other Info Pre-Drilled Holes



All the features of normal SlipGrip Flat Sheet but supplied in an easy to handle 600mm x 600mm x 4mm thick tile. Should one panel become damaged, it is an extremely easy task to remove and replace with a new one.

The production method ensures good dimensional accuracy, nice clean edges which are free from residue and allows each tile to butt together or be left with a small expansion gap, much like traditional ceramic floor tiles.

The standard stock colour is Black however, as with our standard SlipGrip Flat Sheet, any BS or RAL colour is available subject to minimum order quantity and an extended delivery lead time.

SlipGrip Flexi Lite

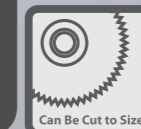


SlipGrip Flexi Lite is a nominally 1mm thick flexible GRP sheet with an anti slip grit top surface, ideally suited for use in low traffic areas.

The product is constructed using flexible resins, which allows the sheet to be laid on undulating surfaces and walkways where less flexible sheets may not be suitable. The unique flexible element to SlipGrip Flexi Lite, means that it is the ideal choice for surfaces that are not perfectly flat.

SlipGrip Flexi Lite Dimensions

Width Up to 2400mm
 Length Up to 1200mm
 Thickness 1mm
 Colours Black, Yellow & White

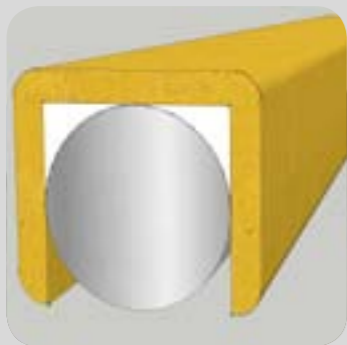
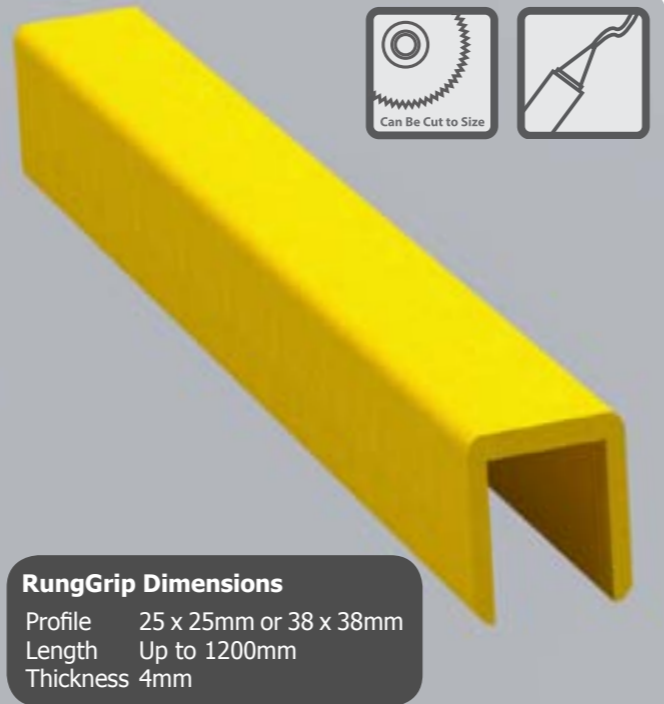






Designed specifically to fit over traditional round steel ladder rungs, RungGrip enhances ladder safety by enlarging the surface area for foot contact and friction coefficient with its integral grit surface. Constructed from durable chemical resistant fibreglass, RungGrip is capable of withstanding the busiest of environments and will resist chemical attack from corrosive fluids transferred from the sole of the boot.

RungGrip, as standard stock items, measure either 25mm x 25mm x 25mm or 38mm x 38mm x 38mm and will fit over the majority of industrial ladder rungs. A hard wearing anti slip top surface provides extra grip under foot.

Bespoke sizes are available, however delivery periods may need to be extended. RungGrip is bonded to the existing steel rung using a high quality polyurethane structural adhesive.

Can Be Cut to Size

RungGrip Dimensions


Profile 25 x 25mm or 38 x 38mm

Length Up to 1200mm

Thickness 4mm



DeckGrip Max is the ultimate decking solution and a viable alternative to traditional timber profiles. Whilst aesthetically pleasing, DeckGrip Max is also much stronger than timber of the same thickness and unsupported spans of up to 1350mm can be achieved without additional supports.



DeckGrip Max Dimensions
(Stock Panels)

Height Up to 40mm

Width 120mm

Length Up to 1200mm

Thickness 6mm



Can Be Cut to Size

For larger projects, pre-connected panels can be made to order. This allows for several plank profiles to be connected together to form, in effect, a pallet of decking thus reducing installation time and fixings.

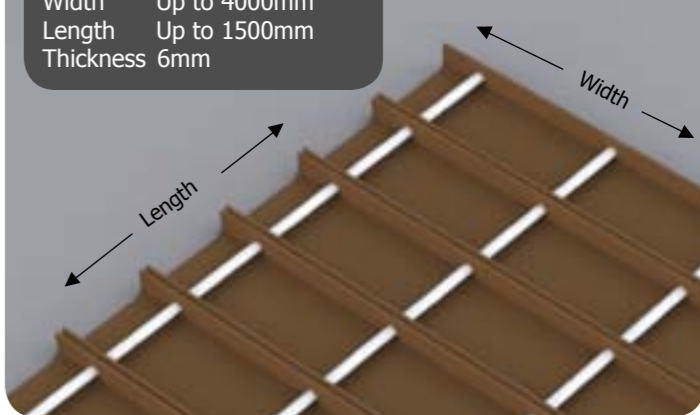
DeckGrip Max Dimensions
(Pre-Connected Special Order Panels)

Height Up to 40mm

Width Up to 4000mm

Length Up to 1500mm

Thickness 6mm



BENEFITS

STRUCTURAL PROFILE

ANTI SLIP TOP SURFACE

WILL NOT WARP, TWIST OR ROT

CHOICE OF COLOURS

CHOICE OF SIZES





DeckGrip Strips are the quick and easy solution for dealing with the slip issues associated with standard timber decking.

The strips can be installed over virtually any deck boards to provide an excellent slip resistant surface whilst still keeping the aesthetics of the timber boards.

Making Decking Safer

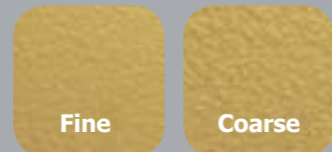
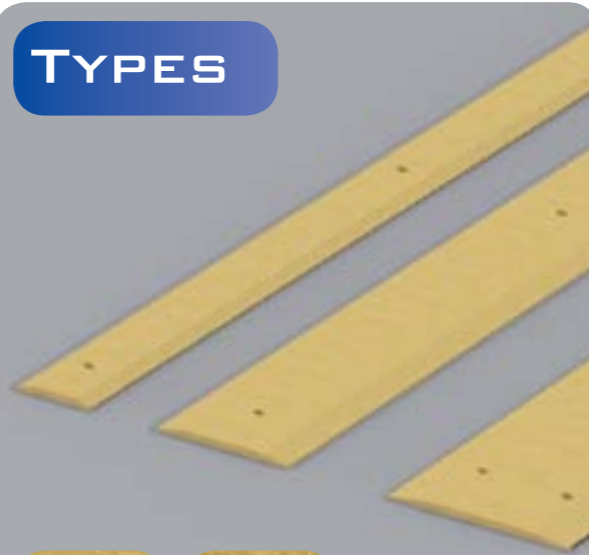


To offer additional safety, both leading edges of the profile have been designed with a chamfer. Available in lengths of 1200mm and 2400mm the product is perfect for the majority of decking areas and walkways.

For areas wider than 2400mm, simply lay the pieces together, leaving a small gap for any possible expansion to achieve the required coverage.



TYPES



DeckGrip Strips Dimensions

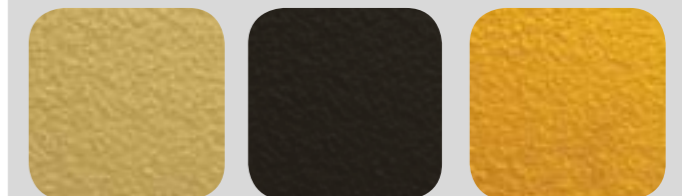
Width 50, 90 & 120mm
 Length 1200mm & 2400mm
 Thickness 3mm (chamfered to 1mm)
 Other Info Pre-Drilled Holes



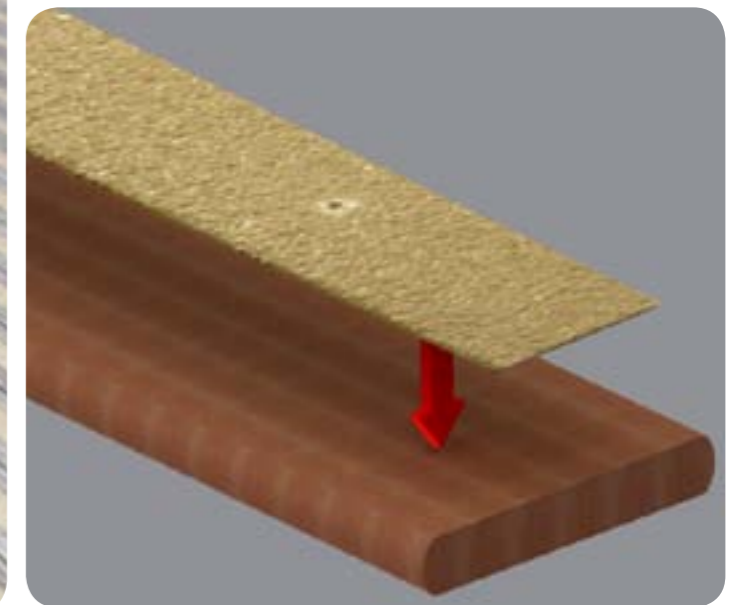
DeckGrip Strips come pre-drilled and supplied with decking screws.

The strips are simply screw fixed onto the existing timber boards and are ready to be walked on immediately.

COLOURS



The standard colour range for DeckGrip Strips are Black, Stone and Yellow. Any RAL colour is available, subject to minimum order quantities and extended lead time.





Structural High Strength

FibreGrid Moulded Grating is designed to provide the ultimate in reliable performance even in the most demanding conditions. This advanced grating system is a cost effective alternative to traditional materials where corrosion resistance and long maintenance free life is required.

Benefits



Slip Resistant

FibreGrid Grating, as a standard, incorporates an embedded grit top surface, ideally suited for heavy traffic areas. This surface easily exceeds the minimum requirements of the "extremely low" potential for slip rating as per the UK Slip Resistant Group Guide 2002.



Impact Resistant

FibreGrid Grating is very flexible and may be repeatedly deflected without causing permanent deformation, unlike metallic grating which will remain deformed and require replacement. High energy absorption and flexibility of the Grating makes it impact resistant.



Lightweight

At only 12.3kgs per square metre (25mm high) and 19.5kgs per square metre (38mm high), FibreGrid Grating is very easy to install and requires no heavy lifting or specialist equipment. The panels can simply be manoeuvred into place using a two man team.



Fire Retardant

FibreGrid Grating has been tested in accord with BS 476: Part 7 and met the performance requirements of Class 2. Where a higher fire resistance & low smoke generation is required, a Phenolic resin is available.

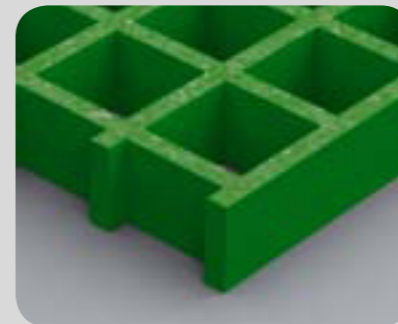


Corrosion Resistant

FibreGrid Grating is available in a choice of chemical resistant resins and is perfectly suited for use even in the harshest of environments, such as oil rigs, coastal applications, chemical plants and many more.

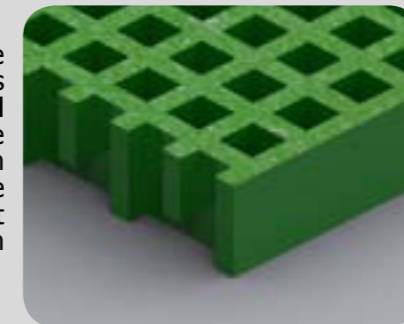


Grating Types



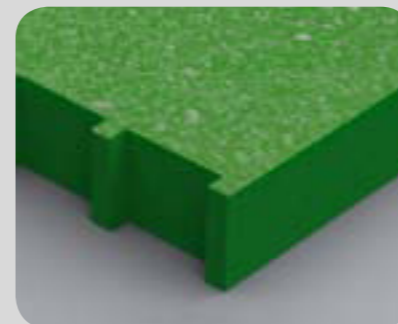
Standard Grating

The most popular style of grating and comes as standard with **Embedded Grit Top Surface**. Square mesh comes as a stock item as 38mm and 50mm hole size and in three different thicknesses, 25mm, 38mm and 50mm.



TwinGrid Grating

Ideal for walkways where a small mesh size is required. Also ideal for overhead walkways where it meets the European 15mm ball falling test. Available in a variety of different thicknesses and panel sizes.



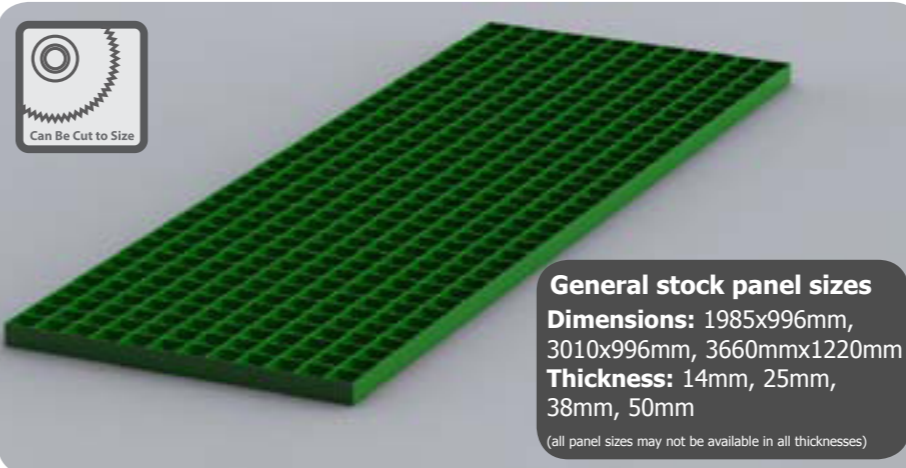
Covered Top Grating

Where a structural grating is required but where an open mesh is not, the structural grating can have a 4mm top bonded to the top surface. Any of the standard mesh gratings can have a covered top.

Colours



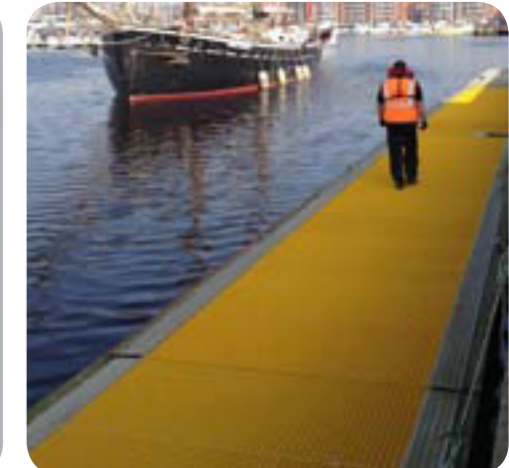
Available in Green, Grey and Yellow as stock, any RAL colour is available (subject to extended lead time).



General stock panel sizes

Dimensions: 1985x996mm, 3010x996mm, 3660mmx1220mm
Thickness: 14mm, 25mm, 38mm, 50mm

(all panel sizes may not be available in all thicknesses)

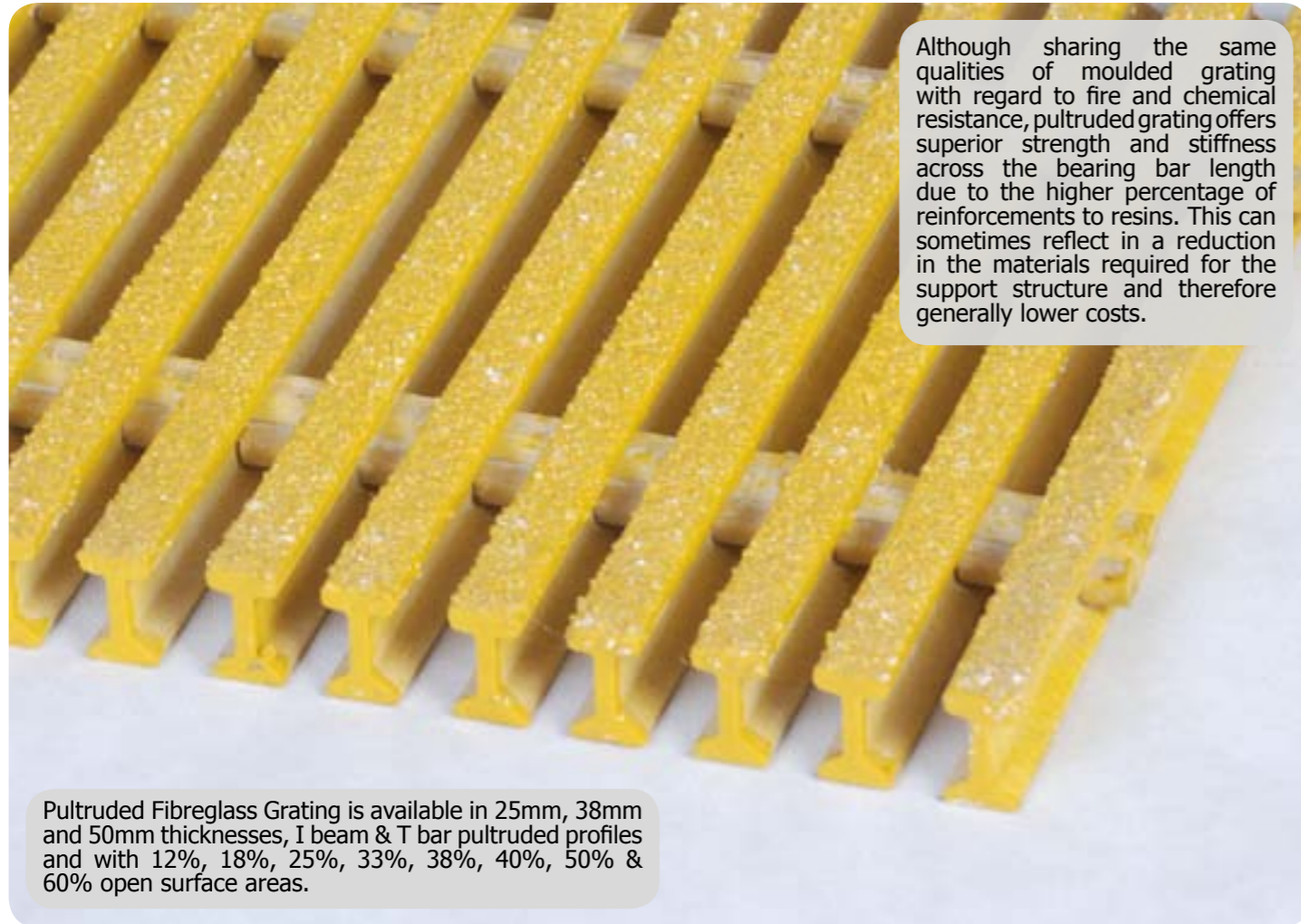


"With over 40 different grating types available in a selection of different panel sizes and in any RAL colour you can be assured that we have a grating to suit your application."

Applications

- Railway Track Crossing
- Operative Work Station
- Bridge Walkway
- Ceiling Screens
- Gully & Pit Covers
- Access Ramps
- Oil Storage Area
- And many more





Although sharing the same qualities of moulded grating with regard to fire and chemical resistance, pultruded grating offers superior strength and stiffness across the bearing bar length due to the higher percentage of reinforcements to resins. This can sometimes reflect in a reduction in the materials required for the support structure and therefore generally lower costs.

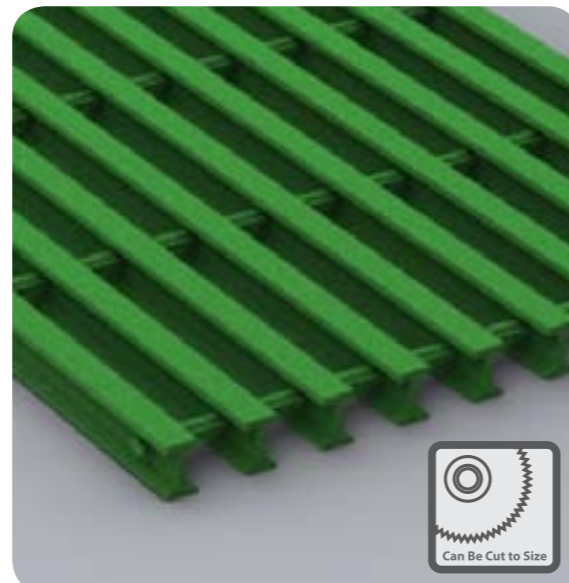
Pultruded Fibreglass Grating is available in 25mm, 38mm and 50mm thicknesses, I beam & T bar pultruded profiles and with 12%, 18%, 25%, 33%, 38%, 40%, 50% & 60% open surface areas.

Pultruded Fibreglass Gratings are a composite of fibreglass reinforcements (fibres and mat) and a thermosetting resin system produced by the pultrusion process. The bearing bars use both longitudinal (glass roving) and multidirectional (glass mat) reinforcements, as well as a synthetic surfacing veil, to provide strength and excellent corrosion resistance. The unique pultruded system consists of two continuous, pultruded spacer bars and a centre core wedge.

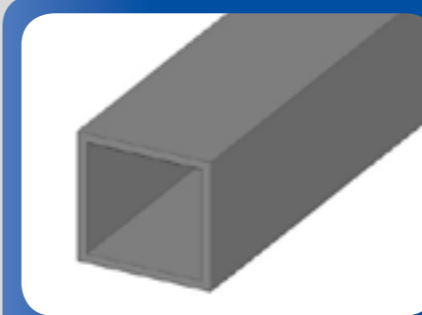
The spacers are notched at each bearing bar so the bars are both mechanically locked and chemically bonded to the web of each bearing bar. This separates and affixes bearing bars firmly in position and distributes concentrated loads to adjacent bars. The fibrous laminate is formed into a geometric shape (T or I) and pulled through a heated steel die. The laminate solidifies into the exact shape of the die cavity as it is being continuously pulled by the pultrusion machine.

BENEFITS

- BESPOKE PANEL SIZES AVAILABLE
- HIGH STRENGTH GRATING
- ANTI SLIP TOP SURFACE
- CHOICE OF PROFILES
- SELECTION OF COLOURS
- UV RESISTANT
- CHEMICAL RESISTANT
- FIRE RETARDANT

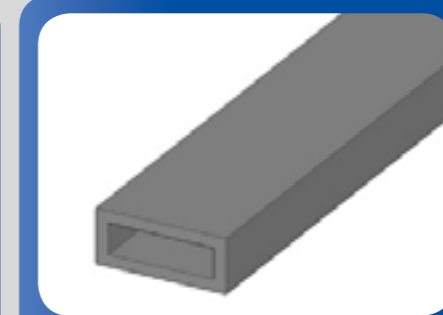


SHAPES AVAILABLE



Square

Size (in mm)**	Weight*	Size (in mm)**	Weight*
25x25x3	0.55	50x50x6.4	2.10
38x38x3.2	0.61	51x51x3.2	1.10
38x38x5	1.22	51x51x6.35	2.12
38x38x6.4	1.50	54x54x4.8	1.10
44x44x3	1.00	60x60x4.5	1.85
44x44x6	1.64	76x76x6.35	3.48



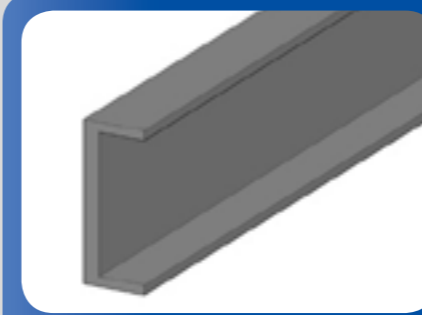
Rectangle

Size (in mm)**	Weight*	Size (in mm)**	Weight*
14x32x3	0.47	32x52x5	1.44
22x100x5	2.45	70x180x5.5	4.56



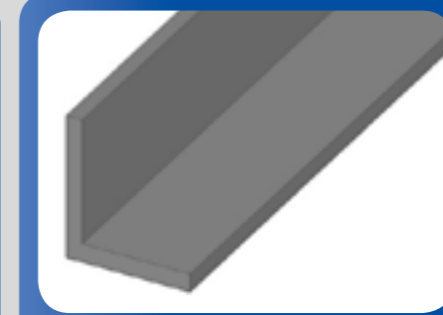
Round Tube

Size (in mm) ¹	Weight*	Size (in mm) ¹	Weight*
7.9x3.1	0.08	38x31.6	0.55
9.5x3	0.10	38x32	0.62
12.7x4	0.20	48.3x35	1.60
19x12.6	0.29	50x43.6	0.70
22x17	0.28	51.6x46.5	0.72
25x20	0.33	58x54	0.63
32x26	0.49	76x69.6	1.00



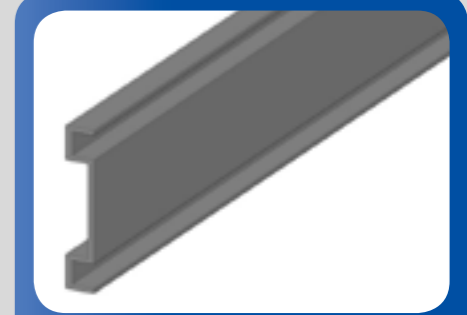
C Channel

Size (in mm)**	Weight*	Size (in mm)**	Weight*
50x14x3	0.40	150x50x6	2.57
50x30x4	0.75	152x41x6.4	2.50
76x25.4x6.35	1.25	200x56x9.5	5.10
100x50x6	2.03	200x60x9.5	5.59
120x40x5	2.20	280x70x12	9.17



Equal Angle

Size (in mm)**	Weight*	Size (in mm)**	Weight*
38x38x5	0.40	75x75x10	2.77
50x50x3	0.52	76x76x6.4	1.50
51x51x6.35	1.10	100x100x8	2.95
60x60x8	1.75	100x100x13	4.40



Kick Plate

Size (in mm)**	Weight*
100x100x3	1.10



'I' Beam

Size (in mm)**	Weight*	Size (in mm)**	Weight*
100x50x6.4	2.17	254x127x13	11.30
120x70x8	3.67	305x152x13	13.77
200x100x9.5	6.65		



'H' Beam

Size (in mm)**	Weight*	Size (in mm)**	Weight*
100x100x6.4	3.30	152x152x9.5	7.50
152x152x6.4	5.10	254x264x9.5	13.08

Standard FibreGrid structural pultruded profile shapes include equal angle, I beam, H beam, square tube, round tube, kick plate etc. These structural shapes are used in a wide range of applications, offering a unique combination of chemical resistance, size stability, high strength, thermal and electric non-conductivity.

Each shape is available in a number of dimensions to suit for a variety of design and application requirements. For special uses, custom shapes are also available.

The beauty of the pultrusion process means that virtually any shape can be made as long as it is a one directional profile. FibreGrid undertake many different bespoke pultrusions. A simple full dimensional drawing is all that is required to produce a die that will enable the profile to be made.

If you require any bespoke shapes please contact our specialist sales team and they will assist you through the manufacturing process.

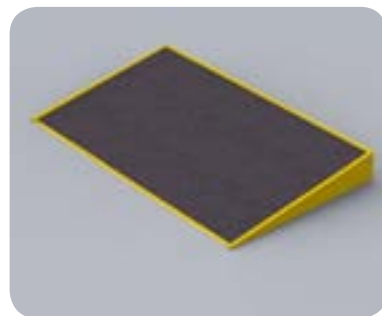
*Kilograms per Linear Metre. ** Height x Width x Thickness ¹ External Diameter x Internal Diameter



Access Ramps are important to provide provision for those with mobility disability. Our ramps are engineered to exceed current DDA legislation. All ramps are manufactured to ISO 9001 standards so you can be sure that every ramp is of the highest quality.

The fibreglass and aluminium ramps are essential for overcoming physical barriers at your premises for disabled persons. Access Ramps are the most economical solution for dealing with these barriers.

Comply with DDA Regs.



Fibreglass Threshold Ramp					
Size	Height	Length	Internal Width	Overall Width	Weight
Small	75mm	450mm	760mm	760mm	3.5kg
Medium	100mm	450mm	760mm	760mm	4kg
Large	125mm	450mm	760mm	760mm	4.25kg

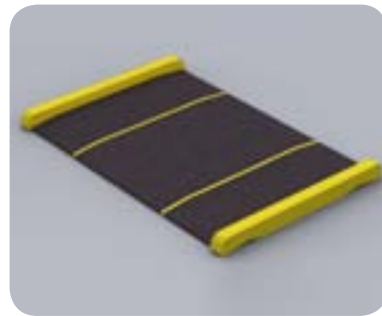
The Threshold Ramp - Designed to overcome wooden and UPVC door thresholds.

Loading capacity of 250 kg (40 stone)

Hard wearing grit surface

Lightweight

Contrasting colours



Fibreglass Standard Ramp					
Size	Height	Length	Internal Width	Overall Width	Weight
Small	-	600mm	800mm	875mm	5kg
Medium	-	900mm	800mm	875mm	8kg
Large	-	1200mm	800mm	875mm	10kg

The Standard Ramp - A general purpose solution to most access problems.

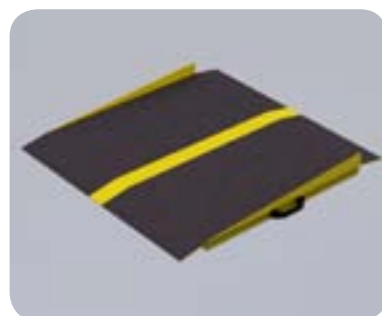
Loading capacity of 250kg (40 stone)

Easy & quick to position

Contrasting guidance lines

Hard wearing grit surface

Lightweight



Aluminium Briefcase Ramp					
Size	Height	Length	Internal Width	Overall Width	Weight
Small	-	600mm	750mm	760mm	6kg
Medium	-	900mm	750mm	760mm	7kg
Large	-	1200mm	750mm	760mm	9kg
Xtra Large	-	1500mm	750mm	760mm	12kg

The Aluminium Briefcase Ramp - A portable heavy duty aluminium ramp.

Loading capacity of 250kg (40 stone)

Easy & quick to position

Grit surface

Lightweight aluminium with carrying handle



The DDA - "Examples of reasonable adjustments"

Extract from www.disability.gov.uk

"Permanent ramp to overcome front steps"; "Chair lift or ramps to overcome internal stairs"

Call us Now: 01440 712722 for an instant quote



Recent legislation changes require that all hazardous materials and oils must be contained within a bunded area or on a spill tray of an appropriate capacity. FibreGrid's spill containment range offers cost effective solutions to meet these obligations as laid down by The Environment Agency.

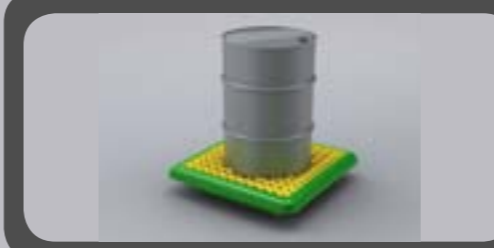
All products are produced using resins and fibreglass reinforcements. This proven method of construction means that the products are extremely durable and exceptionally strong.

The standard resin system used will deal with the majority of everyday chemicals and a full chemical resistance chart is available on request.

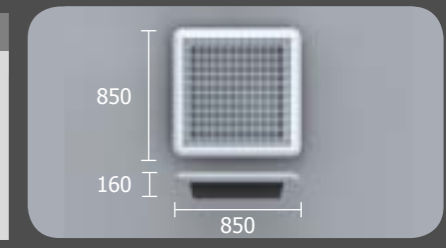
BENEFITS

- LIGHTWEIGHT
- IMPACT RESISTANT
- CONTRASTING COLOUR
- CHEMICAL RESISTANT
- LEGISLATION COMPLIANT
- TOUGH AND DURABLE
- MULTI DRUM OPTIONS
- BESPOKE SIZES AVAILABLE

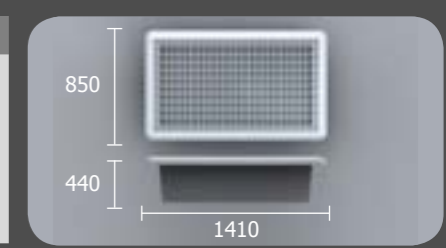
UNITS AVAILABLE



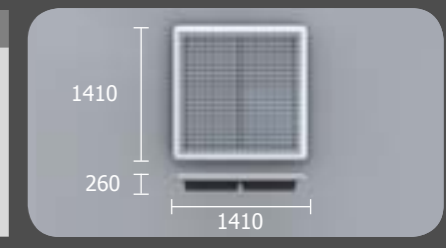
Single Drum Bund	
Material	GRP
Nominal Capacity	55 Litres
Actual Capacity	55 Litres
Maximum Load	500kg
Weight	16kg
Grating Thickness	25mm
Spill Tray Colour	RAL 6001
Grating Colour	RAL 1003



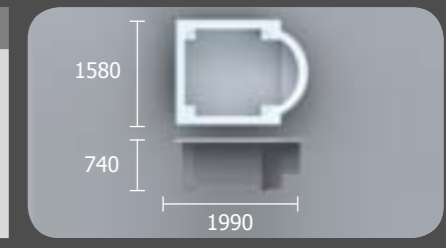
Double Drum Bund	
Material	GRP
Nominal Capacity	205 Litres
Actual Capacity	255 Litres
Maximum Load	1000kg
Weight	28kg
Grating Thickness	25mm
Spill Tray Colour	RAL 6001
Grating Colour	RAL 1003



Quad Drum Bund	
Material	GRP
Nominal Capacity	205 Litres
Actual Capacity	265 Litres
Maximum Load	2000kg
Weight	50kg
Grating Thickness	25mm
Spill Tray Colour	RAL 6001
Grating Colour	RAL 1003



IBC with Bucket	
Material	GRP
Nominal Capacity	1000 Litres
Actual Capacity	1100 Litres
Maximum Load	2000kg
Weight	52kg
Grating Thickness	N/A
Spill Tray Colour	RAL 6001/1003
Grating Colour	N/A



BUILDING REGS. AND BENEFITS



45mm Diameter Tube



No Snag Points



Not Cold to the Touch



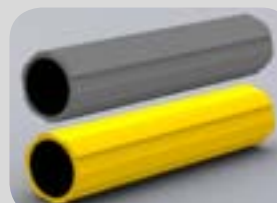
Slip Resistant Surface



Adjustable Fittings



Security Fixings



Choice of Colours



The FibreRail modular handrail system is ideal for a variety of applications. Constructed from exceptionally strong steel with a unique high quality PVC coating, which offers the all important 'warm to touch' requirement as set down by the current building regulations the product is a breakthrough for handrail systems.

All connections fit flush, resulting in a pleasing, streamlined appearance. The internal connections allow the construction of continuous handrail systems without raised external fittings.



COLOURS



Safety Yellow



Grey

FibreRail comes in a standard Safety Yellow or Grey, which in most cases provides the solution to the contrasting colour requirement of the current Building Regulations (Part M) and guidance for the Disability Discrimination Act.

The product, other than cleaning with hot soapy water, is maintenance free unlike steel handrails that require painting periodically. The competitive price makes it a viable option to stainless steel systems. In addition the modular system and high stock levels means areas can be started immediately going away with long lead times for bespoke plastic coated systems.



The construction method of FibreRail requires no special tools or welding making it an ideal choice. All fittings have an internal spigot with pre-drilled holes that slot into the tube, which is also predrilled. An interscrew is then inserted into either end and tightened using the security allen key.

Because of the modular system a large variety of applications can be dealt with using FibreRail. Double or even triple midrails can also be added where required.

The system has been tested for load capabilities to:

BS 6180 : 1999

BS 6399-1 : 1996

Certificate available on request.

FibreRail 'on the wall'



New to the range are the 'on the wall' FibreRail fittings & tube. These allow easy installation for virtually any wall application that requires a handrail.



Runs of up to 1400mm can be achieved in between fittings, the handrail can either be terminated into the wall or turned down to the ground.

In addition the 'on the wall' fittings and tube can also be combined with the rest of the other components and tube.



FIBRE RAIL FITTINGS AVAILABLE

			
Base Foot	90 Degree Elbow	End Bend	90 Degree Tee
			
3 Way Corner	63 Degree Tee	Mid Rail Single	Mid Rail Double
			
63 Degree Mid Rail Double	Mid Rail Corner	Adjustable Mid Rail Double	Adjustable Tee
			
Angle Connector	Adjustable Mid Rail Single	Adjustable Elbow	Side Mount Bracket
			
Wall Mount Elbow Bracket	Wall Mount Tee Bracket	Wall Mount Short End Bend	FibreRail Tube Various sizes



The majority of the products within the FibreGrid range are simple to install and, following the instructions and guidance provided, are generally fitted by our clients' own maintenance staff.

For the larger projects or in the absence of available maintenance staff, FibreGrid offer a nationwide installation service using our own fully employed, fully qualified personnel.



Recent Installations

- Prison Open Mesh Stairs
- Railway Station Overbridge
- Supermarket Fire Escape
- Marina Pontoon
- High Voltage Pit Covers
- School Campus Stairwells
- Public House Outside Deck
- Office Entrance Stairs



Following a site survey, detailed Method Statements and Risk Assessments are presented for client approval prior to the commencement of the installation works.

Samples of all our health and safety documentation, including typical Method Statements and Risk Assessments, along with our full installation procedures, are available on request.

Call us Now: 01440 712722 for an instant quote



FibreGrid follow a stringent quality program accredited by ISO 9001: 2000 Standards. Our entire product range is constantly under review to ensure full compliance to new legislation and regulations as and when they are introduced.

BS476 : Part 7

FibreGrid Grating has been tested in accord with **BS476 : Part 7** and met the performance requirements of Class 2 which relates to fire retardancy and flame spread ratings.

BS6180 : 1999

FibreGrids handrail system has been tested to **BS 6180 : 1999** and **BS6399-1:1996** for load capabilities, certificate available upon request.

Pendulum Test Results

Product Tested	Dry Reading	Wet Reading
EdgeGrip Type 'E'	85	65
EdgeGrip Type 'I'	67	60
EdgeGrip Glow	66	60
EdgeGrip Ali	62	55
SlipGrip Stair Treads	105	67
SlipGrip Sheets	103	66
Mighty Mat	80	61
RungGrip	65	60
TactileGrip	66	59
Grit Top Grating	70	65
DeckGrip Max	106	65
DeckGrip Strips Fine	68	55
DeckGrip Strips Coarse	96	66
SlipGrip Interior Treads	87	38

All FibreGrid products have been tested for slip resistance using the Pendulum Test procedure.

The Pendulum Test is designed to test the slip resistance of floor surfaces and is universally accepted as the leading test available.

The Skid Resistance Tester is designed to simulate the action of a slipping foot. The method is based on a swinging imitation heel (using a standard rubber soiling sample), which sweeps over a set area of flooring in a controlled manner. The slipperiness of the flooring has a direct and measurable effect on the pendulum test value.

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

Pendulum Value	Potential for Slip
66+	Extremely Low
36-65	Low
26-35	Moderate
0-25	High

The test results above relate only to the samples tested at the time. The slip resistant characteristics of all products may change significantly during their lifetime and application. Regular cleaning and maintenance is essential to maintain a high level of slip resistance.



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