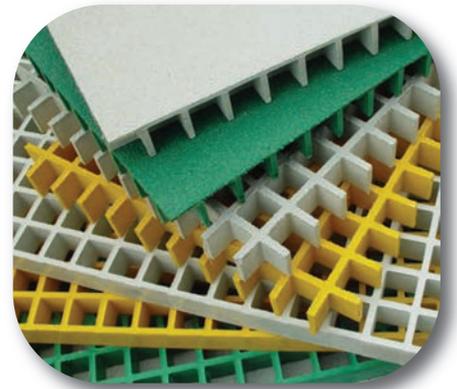




Anglia Composites
Making The World A Safer Place

Anti-Slip Fibreglass Gratings



Fibreglass Gratings
Anti-Slip Floor Sheets
Ladder Rung Covers
Fibreglass Ladders
Work Platforms
Riser Shaft Flooring
Pultruded Profiles
Handrail Systems

Disabled Ramps
Stair Nosings
Safety Gates
Walkways
Stairs & Steps
Trench Covers
Mouldings
Tread Covers

The Benefits Of Fibreglass Grating

Fibreglass grating has been proven have superior mechanical properties over traditional materials such as wood or steel. Available in a wide range of sizes and colours, fibreglass grating is corrosion resistant, slip resistant, lightweight and fire resistant. Use fibreglass grating for platforms, walkways, trench covers, ramps and mezzanine flooring. Ideal for use in chemical plants, power stations, water treatment works, roof walkways, off shore installations and engineering works.



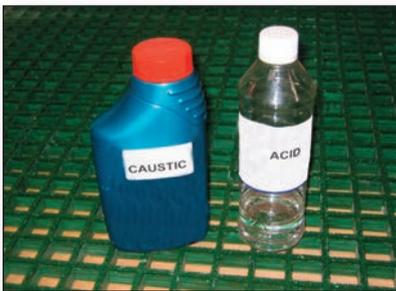
Fire Resistant

Our fibreglass grating has been tested in accordance with BS 476 and has achieved a Class 1 flame spread rating. Our entire range of gratings all have the same fire resistant specification. A fire report test certificate is available on request.



Impact Resistant

Fibreglass grating allows repeated deflection without permanent damage or deformation. Deflection will occur with the impact of a heavy object. However, once the object is removed, fibreglass grating will return to its original shape and position unlike steel grating which will remain deformed.



Chemical Resistant

Fibreglass gratings are corrosion resistant over a wide pH range both caustic and acidic. This corrosion resistance is achieved through the use of premium grade resins. A comprehensive chemical resistance guide is available on request.

Gratings can be cut to any size and shape free of charge

Slip Resistance

The slip resistance feature of fibreglass grating is created during the moulding process when the top surface naturally shrinks back to create a concave effect surface. This provides positive traction even in wet or oily conditions. A hard wearing quartz grit is then added providing an extended life and superior anti-slip properties.

High Strength

Fibreglass grating has superior strength and load bearing capabilities due to a high glass to resin ratio. With a tensile strength greater than steel (kilo for kilo), fibreglass grating is the ideal solution for access and flooring installations.

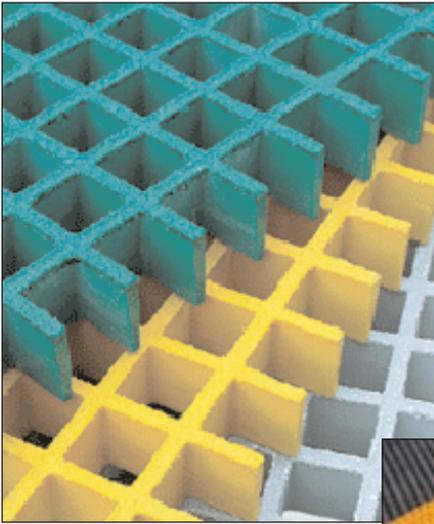


Grating Types

Grit Surface Gratings

Gratings have a hard wearing quartz grit surface which provides positive traction even in wet or oily conditions.

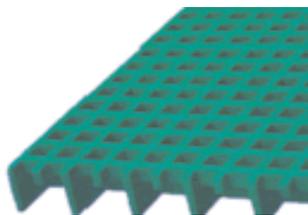
Available from stock in panel sizes 2m x 1m, 3m x 1m and 3.66m x 1.22m in depths of 25mm, 38mm and 50mm. Stock colours include Yellow, Grey and Green. Gratings can be made to any RAL colour. Download our free RAL colour chart for further details.



Mini-Mesh Gratings

Mini-mesh gratings are available from stock in 15mm and 30mm depths. This type of grating is ideal where a small hole is required to make it easier for small wheeled trolleys or wheelchairs. This grating passes the European 13mm ball bearing test.

Stock colours include Yellow, Black, Green, Sand and Grey.



30mm Mini-Mesh



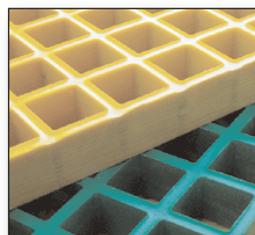
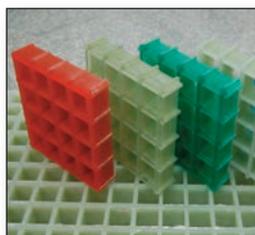
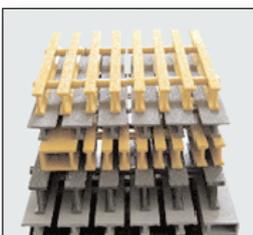
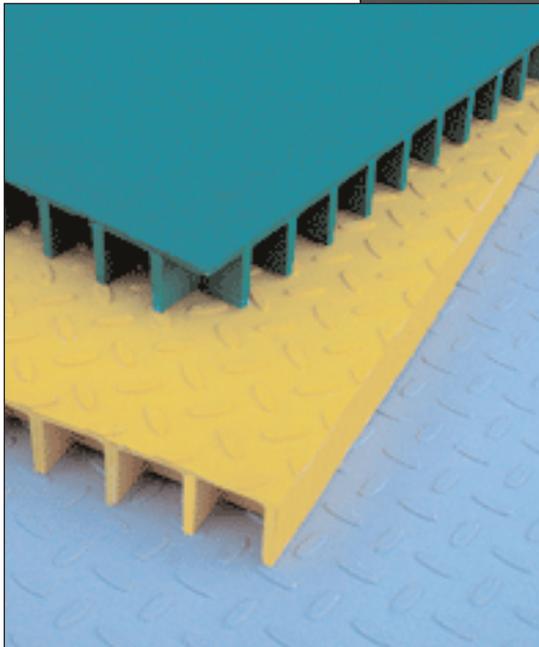
15mm Mini-Mesh

Solid Surface Grating

Solid surface grating is manufactured using standard grating panels with a solid fibreglass sheet bonded to the top surface.

The surface is most commonly an anti-slip quartz grit finish but can be made with a smooth or chequer plate type finish.

Standard depths are 25mm and 41mm but any depth up to 70mm can be manufactured to order. Ideal for heavy-duty trench and gully covers, service ducts, bridges and tank covers.



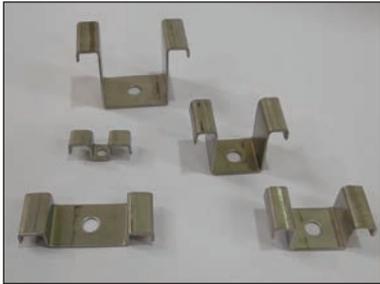
Many types of grating can be made to order. You are limited only by your imagination. Above is a selection of made to order gratings. Pultruded, translucent, concave and 12mm screen guard.

Installation Examples



Grating Fixings

Many fixings are available from stock to assist you in your installation. Our fixings are all manufactured from stainless steel for a long trouble free life. Below is a small selection of our ever expanding range of high quality fixings.



M Clips

Use M clips to fix grating panels down securely. M clips are available for 12mm, 15mm, 20mm, 25mm, 30mm, 38mm and 50mm always available from stock.



G Clamps

Use G clamps to join grating panels together securely. G clamps are available for 25mm, 38mm and 50mm always available from stock.



Plate Washers

Use plate washers to effectively hold down GRP plate and stair tread covers.



J Clamps

J clamps can be used to fix grating panels to beams where drilling is not possible.



Plastic Feet

Threaded inserts are available to create raised walkways. Useful if gratings are used in a wet area where you need liquids to flow away. Plastic and stainless steel feet are available in a range of lengths.



Fixings

We stock an ever growing range of stainless steel fixings such as anchor bolts, hexagon head bolts, machine screws, cap head screws, coach bolts, lock nuts, washers etc.

Please contact us for further details.