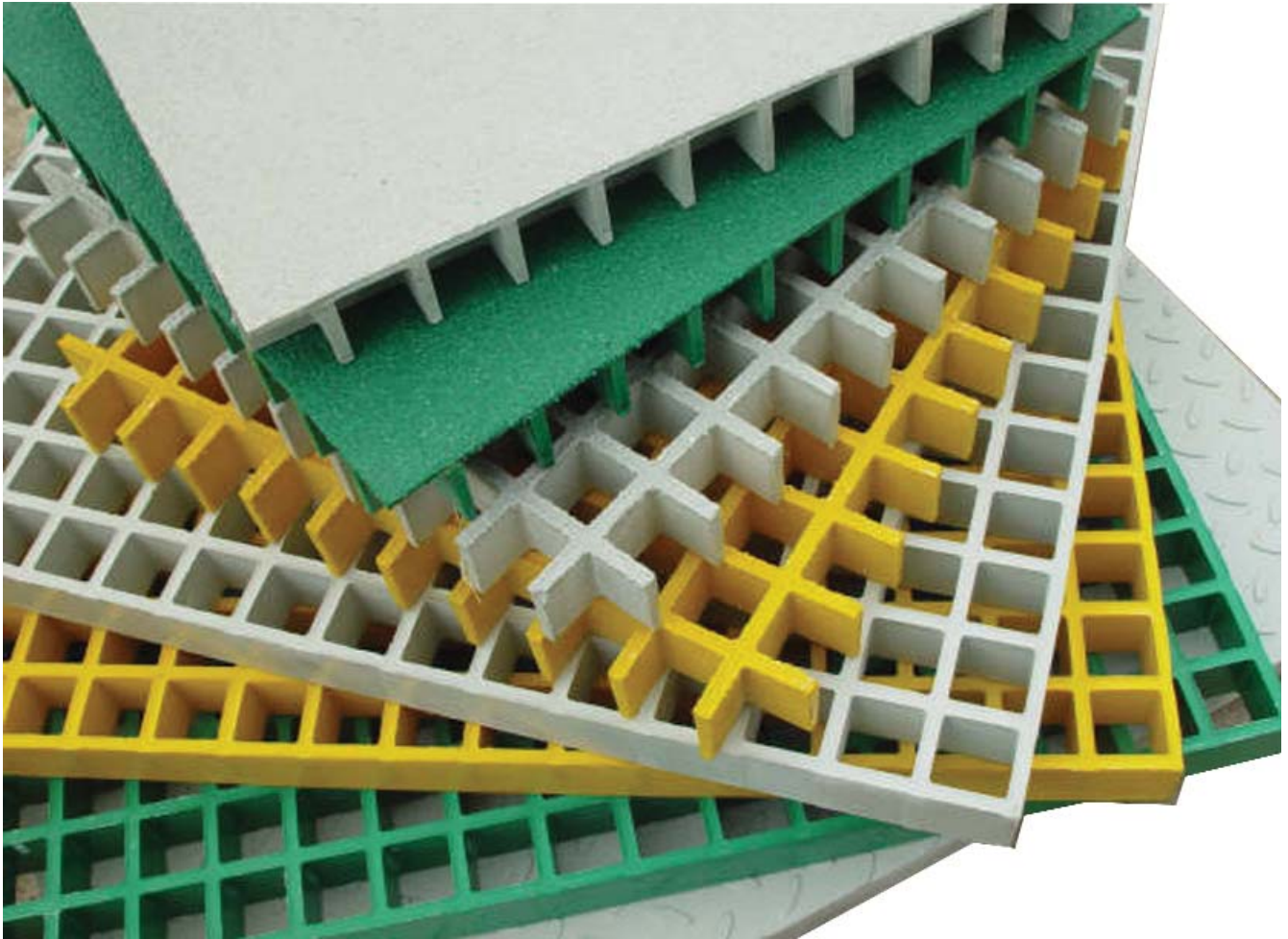




Anglia Composites

Fibreglass Gratings for Industry



Fibreglass grating has been proven to 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, chemical resistant, impact resistant, slip resistant and lightweight. Use fibreglass grating for platforms, walkways, ramps, work stations etc.

Ideal for use in chemical plants, construction, on shore and off shore facilities, water and waste water treatment works, mezzanine flooring, power stations, roof walkways etc.

High performance, Corrosion Resistant Fibreglass Gratings for Industry



MAKING THE WORLD
A SAFER PLACE

The Benefits of Anglia Fibreglass Grating

Fire Resistant - Our fibreglass grating has been tested in accordance with BS476 and has achieved a class 1 flame spread rating or less. Our entire range of gratings is fire resistant. A fire test report is available upon request.

Chemical Resistant - Fibreglass gratings are corrosion resistant over a wide pH range both acidic and caustic. This corrosion resistance is achieved by the use of premium grade isophthalic and vinyl-ester resins. A comprehensive chemical resistance data table is available upon request or download from our website.

Slip Resistant - The slip resistant 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 over a wide range of environmental conditions such as wet or oily surfaces. A hard wearing quartz grit is then added for heavy duty applications, providing an extended life and superior anti-slip properties.

Impact Resistant - Fibreglass grating allows repeated deflection without causing 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 metallic grating, which will remain deformed. This eliminates the need for costly replacement gratings.

High Strength - Fibreglass grating has superior strength and load bearing capabilities due to a high glass to resin ratio. With a tensile strength higher (kilo per kilo) than steel, fibreglass products are the ideal solution for many safety flooring and access problems.



IMPACT RESISTANT



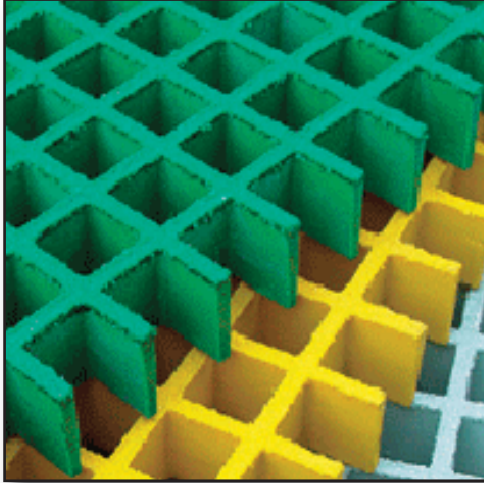
FIRE RESISTANT



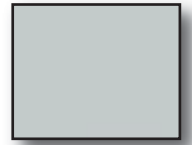
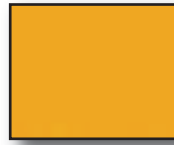
CHEMICAL RESISTANT



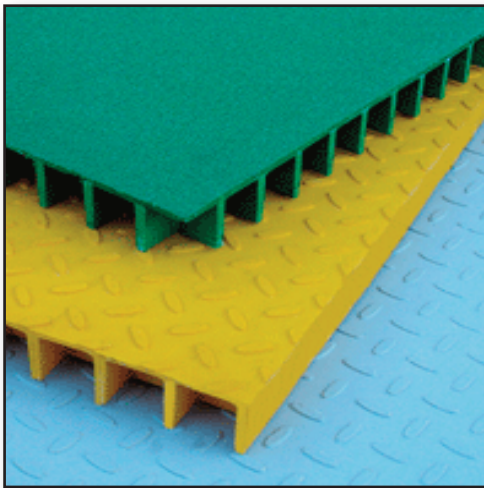
Grating Types



Standard Gratings - Available in depths of 20mm, 25mm, 38mm and 50mm all from stock in Green, Grey and Yellow.



Gratings have a quartz anti-slip surface tested to BS4592 and has achieved a high rating even in wet or oily conditions. Available from stock in 2000mm x 1000mm, 3000mm x 1000mm and 3660mm x 1220mm. Can be manufactured in any RAL colour with short lead times



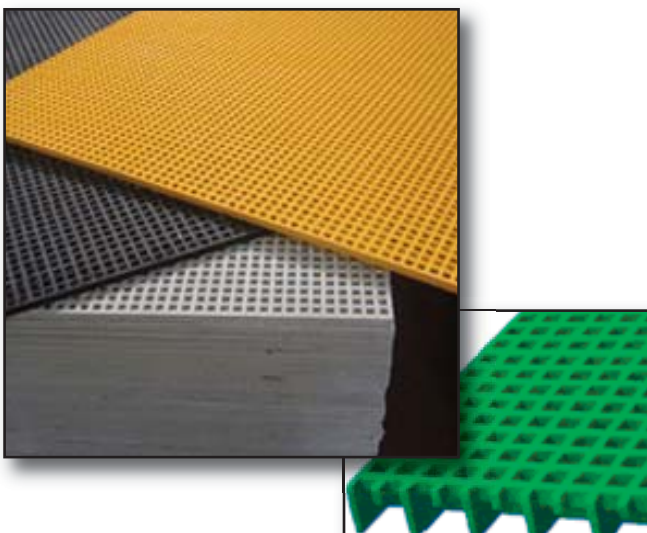
Solid surface grating is manufactured using a standard grating panel with a solid fibreglass sheet bonded to the surface.

Solid surface grating is ideal where a safe, slip-resistant solid surface is required. The surface can be made in a grit finish, chequer plate finish or a smooth finish to any RAL colour. Standard depths are 25mm, 41mm, 50mm and 60mm.

Ideal for heavy duty trench and gully covers, service ducts, bridges, tank covers etc.

Anglia pultruded grating is produced in a wide range of depths, colours, spans and surface finishes. Because of the vast range available we supply this type of grating made to order only.

Pultruded grating has a very high load bearing capacity and is ideal for use on continuous walkways, production lines, bridges etc. Thickness available from 25mm - 100mm.



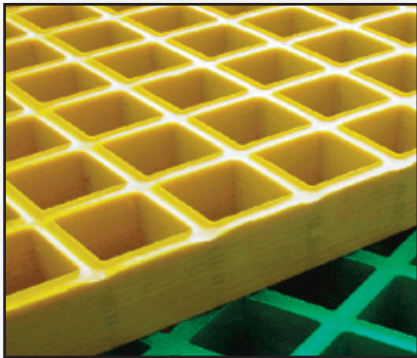
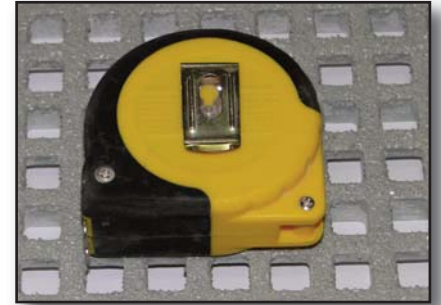
Mini-Mesh gratings are ideal where superior loading capabilities are required along with a smaller mesh pattern. The small mesh sizes are ideal for use with small wheel trolleys and wheelchairs.

Mini-Mesh grating is available in depths of 14mm, 22mm, 30mm and 38mm in a range of colours, panel sizes and surface finishes. Can be made to any RAL colour.

Grating Types

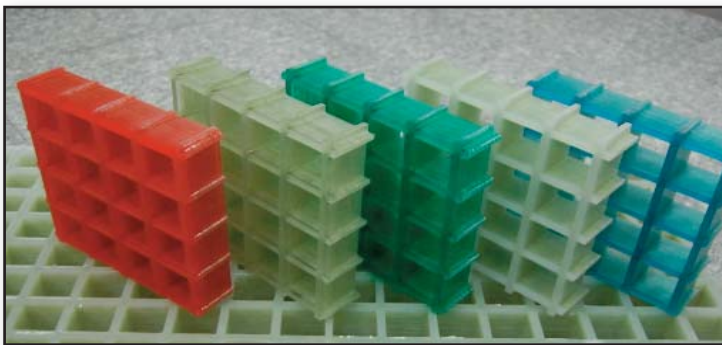
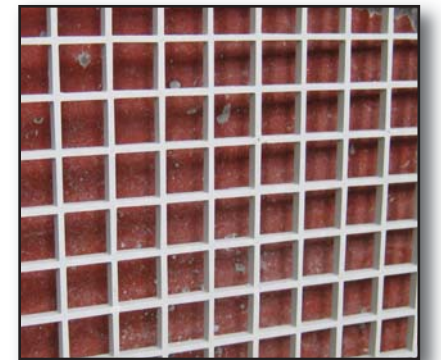


Standard mesh grating (left) is available from stock in Green, Yellow and Grey in various panel sizes and depths. Mini-mesh grating is available from stock in 14mm and 30mm thickness also in the three main colours.



Our stock gratings all have a gritted antislip surface. However, we can manufacture concave surface grating (no grit) to order.

We can also supply smooth sanded surface grating as shown on the right to use as a screen guard and handrail infill.



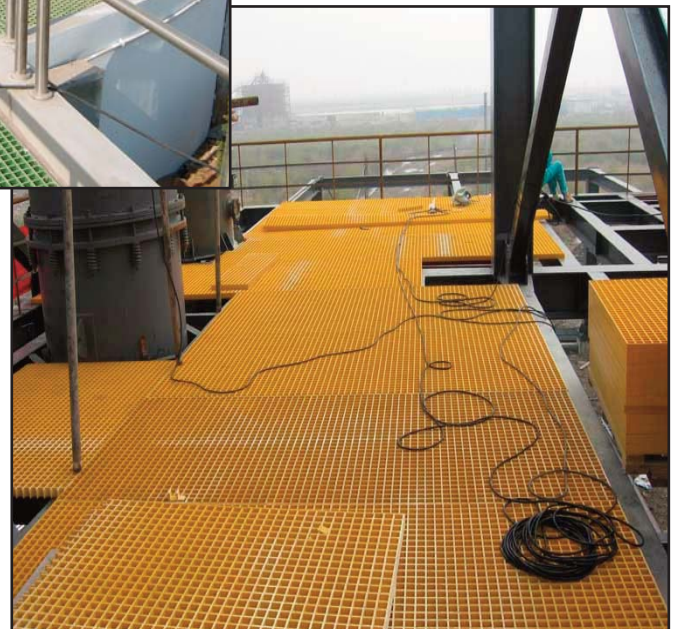
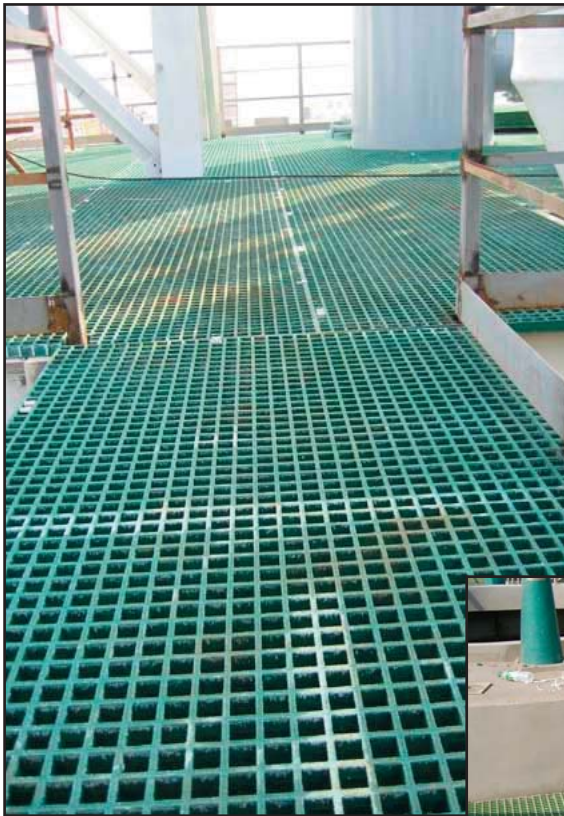
Translucent grating can be used for decorative purposes while still retaining the superior strength associated with fibreglass.

This type of grating can be made in just about any colour you could imagine and in any depth. It can also have a smooth sanded surface finish.

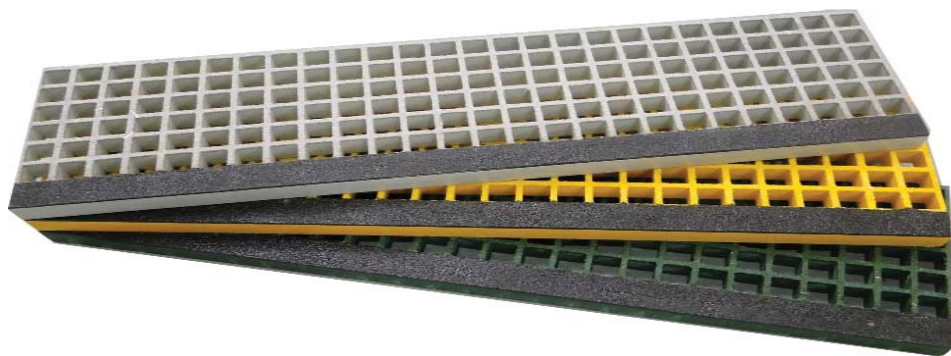
Gratings can be manufactured to any RAL colour. The list of colours and applications is endless. You are limited only by your imagination.



Installation Examples

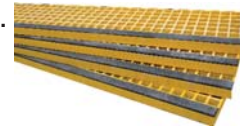


Grating Products & Fixings

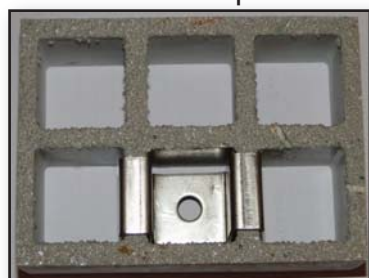


Stair treads can be made in our workshop to any size, depth and colour with short lead times.

Treads can incorporate an anti-slip gritted nosing in either Grey, Yellow or Black.



G Clamp



M Clip

Use G clamps for joining sheets/panels of grating together where there is no support. Use M clips to hold sheets of gratings down.

Clips and clamps are available for most types and depths of gratings all manufactured in 316 stainless steel.

Use pastic and stainless steel feet to create low, raised walkways.

Fixings



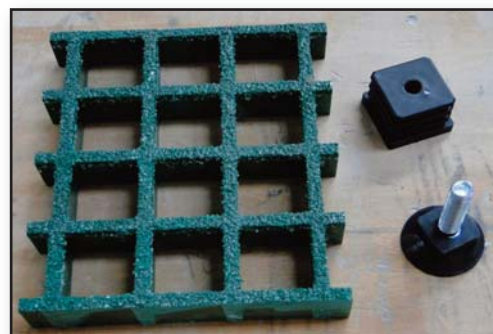
A wide range of stainless steel clips clamps and feet always in stock.

Cutting & Machining



Gratings and profiles can usually be cut and machined free of charge.

We have a fully equiped workshop to cater for all your machining requirements



Feet for raised walkways available in various heights.

Phenolic grating is available in both moulded and pultruded. This type of grating has a Class 0 fire rating and is approved by the US Coast Guard. Phenolic grating offers the ultimate in fire resistance, low smoke and minimum toxic fume emmissions.

Can be used for oil refineries, underground mining, underground rail, oil rigs, tunnels, ship decks etc. This type of grating is made to order only and is available only in a red / brown colour as shown.

