

## Benefits of Moulded Fiberglass Grating and Cover



Corrosion Resistant

**DuraDeck**<sup>TM</sup> & **DuraGrat**<sup>TM</sup> fiberglass grating and cover system is corrosion resistant over a wide pH range.

The moulded gratings are made from continuous glass fibre reinforcement in combination with premium grade polyester or vinyl ester resins to provide excellent corrosion resistance. Please ask for a chemical resistance guide.



Fire Resistant

Our fiberglass grating has been tested in accordance with BS 476 Part 6 and Part 7 and has achieved a class 2 flame spread rating or less.

The premium grade resin used, enables our grating to achieve this high result in a very strict testing method. Please ask for a fire test report.



Impact Resistant

Our 25mm grating weighs only 12 kg per square metre and the 38mm weighs only 18 kilos per square metre. Light enough to install without the need for hoists, cranes or forklift trucks etc.

It is also easy to cut and assemble on site without the need for gas cutting torches.



Anti-Slip

The slip resistant feature of fiberglass grating is created during the moulding process when the top surface naturally shrinks back to create a concave effect surface.

A tough, quartz grit can then be added for heavy-duty applications providing an extended life.



Lightweight

Fiberglass grating will allow repeated deflection without permanent deformation.

Deflection will occur with the impact of a heavy object. However, once the object is removed, the grating will return to its original shape and position eliminating the need for replacement gratings. Please ask for a comprehensive deflection chart.

## Benefits of Moulded Fiberglass Grating and Cover



### Fire Resistant

DuraGrat® and DuraMesh® Fiberglass Grating is suitable where a flange spread rating fulfilled BS 476 Part 6 and Part 7 standard



### Corrosion Resistant

Constructed of a composition of resin and continuous fiberglass strand for chemical resistance in the harshest corrosive environment. DuraGrat® and DuraMesh® Fiberglass Grating cannot rust, never needs painting and eliminates expensive corrosion-related maintenance problems.



### Load bearing

The impact resistance of DuraGrat® and DuraMesh® Fiberglass Grating allows repeated deflections without permanent deformation. Unlike metal grating, once the object is removed the fiberglass grating will fully recover to its original position.



### Anti-slip surface

DuraGrat® and DuraMesh® fiberglass grating comes with a choice of grit or concave surfacing, both offer excellent anti-slip properties for added safety. Its slight resiliency means it is comfortable to stand on reducing worker fatigue.

## For use almost anywhere

Flooring, Stairways, Bridges, Platforms and Walkways, Racking, Machine Guards, Screens, Pit Covers ... etc

HIGH PERFORMANCE GRATING AND COVER SYSTEM

**DuraDeck**<sup>TM</sup>  
Cover System

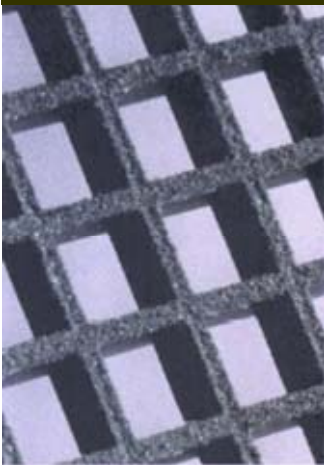
**DuraGrat**<sup>TM</sup>  
Grating System

**Dura**<sup>®</sup>  
*Innovative Composite Solutions*

## The Grating Range

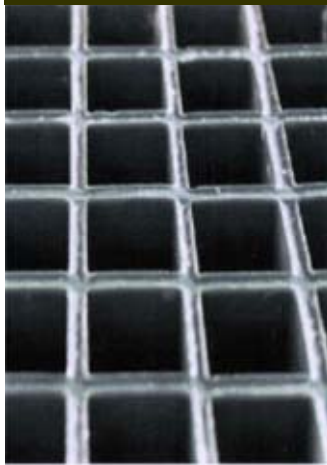
### Gritted Grating

Gritted Grating has Quartz Crystal bonded to the top surface giving a very effective and hard wearing anti-slip surface



### Concave Grating

The Concave Grating is particularly suitable for hygiene applications such as the food industry due to its very clean top section (twin-edges, concave finish offering a slip-resistant surface)



### Covered Grating (DuraDeck®)

Covered grating is available with a solid one-piece laminate surface, offering a light-weight, strong, anti-slip flooring panel. Gritted surface can be added to the laminate surface panel as well.



### Pultruded Grating

Pultruded Grating is ideal for a wide range of applications, it offers the same high strength-to-weight ratio as our Fiberglass Grating. The main benefits of Pultruded Grating, apart from its aesthetic appearance, is that it's designed to span greater distances.



[www.dura.hk](http://www.dura.hk)

HIGH PERFORMANCE GRATING AND COVER SYSTEM

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## Mini-Mesh Grating

New for 1998, this mini-mesh grating has holes that are only 13mm x 13mm square.

The grating is 30mm or 38mm Thick and has the smallest holes of any fiberglass grating in the world. Because of the close bearing bars, this grating provide us extreme and superior strength. In stock now in Green, Yellow, white or Grey in sheet size of 1000x2000mm, 1000x3000mm and 1000x4000mm. The weight is only 16 kg per square meter and has a 42% open area.

Mini-Mesh grating is lightweight, chemical-resistant, non-conductive, non-slip, impact and fire resistant, and unlike metal grating will not rust, and never needs painting. Three top surface finishes are available; gritted for maximum anti-slip properties; concave surface anti-slip and smooth for special purposes. Mini-Mesh grating is an ideal substitute or replacement for stainless steel, aluminium and galvanised steel grating.

Mini-Mesh has been successfully used in many industries including, Aerospace, Food Processing, Beverage, Chemical Processing, Water and Waste Treatment, Metal Finishing, Pulp and Paper Production, Transportation, Pharmaceuticals, Textiles, Oil and Gas Industries, Mining, Smelting and Refining.

In addition to improving safety standards Fibreglass Grating provides excellent chemical resistance, is easy to install, and offers long term durability. The gritted anti-slip surface has one of the highest degrees of slip resistance ever measured for a walking surface. Consideration should be given to installing Fibreglass Reinforced Plastics Floor Grid, Fibreglass Anti Slip Grating, Glassfibre Reinforced Plastics Gratings, GRP Floors, GRP Flooring, Reinforced Plastics Mini Mesh, Reinforced Plastics Stairs and GRP Mini Mesh.

These products are ideally suited for Fueling Jetties, Ladders, Piers, Fueling Stations and Entrance Gangways.

