

# GLASS REINFORCED PLASTIC

## DATASHEET



Step on Safety

## Material Characteristics



### SLIP RESISTANT

QuartzGrip® moulded fibreglass grating has an integral, angular quartz gritted surface tested in accordance with **BS7976-2**. It provides an exceptional level of slip resistance in all directions. Lifespan depends on frequency of use.



### CHEMICAL RESISTANT

GRP is resistant to a wide range of chemicals, across a wide temperature spectrum. It can also be made using different resin systems to achieve specific chemical resistance properties.



### FIRE RESISTANT

All products contain a fire resistant additive and comply with **Euro Class 1** and **ISO 11952-2**. Performance is equivalent to **ASTM E84 class 1** and **BS476 part 7 class 2** flame spread to give a 30 minute burn time.



### QUALITY ASSURED

Manufactured in accordance with our **ISO 9001** accredited Quality Management System, the structural integrity of the material is high grade. A suggested lifespan of **25 years** can be expected, based on a number of variables: environmental, installation process, maintenance, loading and traffic conditions.



### LIGHTWEIGHT & DURABLE

Weighing a fraction of the steel equivalents, GRP is lightweight in comparison and can be manoeuvred into place without mechanical assistance.

It's exceptionally durable and has the ability to withstand impact, reducing the risk of permanent buckling or deformation.



### SELF-COLOURED

All QuartzGrip® moulded fibreglass grating and GRP Profiles are pigmented throughout during manufacture and do not require any secondary treatment such as powder coating or paint spraying. There are a range of standard stock colours (below); bespoke colours are available upon request.



### UV STABLE

All products are manufactured with a high quality UV inhibitor to prevent colour degradation.



### ECONOMICAL

In most cases, GRP equivalents to steel components are much cheaper to buy. Add to that the reduction in handling and maintenance costs and GRP is the smart choice.

## GRP STOCK COLOURS

### Standard Open Mesh



Yellow  
RAL 1003



Green  
RAL 6001



Grey  
RAL 7004

### Mini Mesh



Yellow  
RAL 1003



Green  
RAL 6001



Grey  
RAL 7047



Beige  
RAL 1001

### Profile



Yellow  
RAL 1003



Grey  
RAL 7001

## FOR MORE INFORMATION

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