

PRODUCT DATA SHEET**REDS GRP GRATING 50-50 OG.****Description:**

REDS moulded grating is manufactured with continuous glass fibre strands and is an impact resistant, non conductive, slip resistant and easy to lay grating system. The profiles are produced with the pultrusion process in ISO polyester resin using a range of pigment as standard.

Typical Uses:

- Offshore Marine.
- Petrochemical and Refinery.
- Electrical and Power.
- Communications Generation.
- Water / Wastewater.
- Transportation and Transit.
- Automotive.
- Shipping.
- Government Offices.
- Military Installations
- Airport Operations.

Features & Benefits.

- A steel replacement product.
- Distributes loads for greater tensile strength to bi-directional bars.
- Manufactured from glass reinforced plastic.
- 100% corrosion resistant.
- Maintenance Free.
- Provided in UV Resistant colours.
- Allows repeated deflection on impact without permanent deformation.
- High abrasive / High chemical resistance.
- Integral silica grit provides slip resistance and protection.
- 25% of the weight of steel grating.
- Easy assembly and installation without the use of industrial equipment.

Recommended Application.

- Agricultural, Brewing, and Drinks Industries.
- Caustic, Chlorine, and Chemical Industries.
- Dairy, Food, and Fisheries Industries.
- Oil, Gas, Power and petrochemical industries..
- Paint, Paper, Water, and sewage treatment industries.

REDS GRP GRATING 50-50 OG

Performance Data.

Fire Retardant.
Abrasive Resistance.
Cleaning.
Chemical Resistance.

Class 1 Rating per ASTM E – 84.
High.
Normal detergent
Will resist attack from most acids,
alkalis oils, caustic solutions, sea
water, grease etc.

Load Factor.
Dimensions.
Depth.
Mesh.
Weight.
Weight.

68kN / m²
1.22m x 3.66m
50mm.
50mm x 50mm.
107kgs / Panel.
24kgs / m²

Manufacturers Standards:

- BE EN ISO 14122-3:2001.
- BS 6399-1:1996.
- BS 4592-0:2006.
- Products manufactured to client's own design.

REDS GRP Grating 38-38 OG manufactured to client's specification.

