

## **PRODUCT DATA SHEET**

# **REDS BEARER BAR GRATE HD 800-64-L**

### **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:**

- **Flooring.**
- **Platforms.**
- **Walkways.**
- **Assembly Lines.**
- **Trench Covers.**
- **Stairs.**
- **Catwalks.**
- **Storm Drains.**
- **Government Offices.**
- **Military Installations**
- **Airport Perimeter.**

### **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 BEARER BAR GRATE HD 800-64-L

## 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.  
Deflection.  
Dimensions.  
Depth.  
Area.  
Weight..

90kN / m<sup>2</sup>  
1.91mm.  
800mm x 800mm  
64mm.  
0.64 m<sup>2</sup>.  
70.4kgs / m<sup>2</sup>.

## Manufacturers Standards:

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

**REDS Bearer Bar Grate HD 800-64 manufactured to client's specification.**

