

**PRODUCT DATA SHEET****REDS HAND RAIL 1551-36****Description:**

This Glass Reinforced Plastic handrail system is designed for surface mounting only. The profiles are produced with the pultrusion process in ISO polyester resin using a grey pigment as standard. Other pigments available on request.

**Typical Uses:**

- Urban-Rural Bus Stops.
- Pedestrian Road Crossing.
- School Safety Railing.
- Crowd Control Rail.
- Pedestrian Bridge Safety Rail.
- Shopping Malls.
- Hospital Access Ways.
- Commercial Property Boundary Railing.
- Government Offices.
- Military Installations
- Airport Perimeter.
- Hotels and Restaurants.

**Features & Benefits.**

- A steel replacement product.
- Equal lateral load capacity to steel.
- Manufactured from glass reinforced plastic.
- 100% corrosion resistant.
- Maintenance Free.
- UV Resistant.
- Special U shaped hand rail for safety.
- High abrasive resistance.
- High chemical resistance.
- Light weight.
- Assembled using stainless steel rivets.

**Recommended Application.**

- It is recommended to use this Hand Rail as follows.
- Occasional Access and General Duty.
- Lateral Load capacity – 0.36kn/m.
- Maximum stanchion span – 1600mm c/c.
- See separate Data Sheet for Installation.

# REDS HAND RAIL 1551-36

## 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.  
0.36kn/m.  
360kg. acceleration / meter / second<sup>2</sup>.  
1600mm.  
125mm.  
150mmx5mmx3mm.  
Occasional Access & General Duty.

Lateral Load Factor.  
Force.  
Max. Stanchion Span.  
Vertical Knee Rail Free Space.  
Optional Kick Plate.  
Permitted Usage.

## Manufacturers Standards:

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

**REDS Hand Rail 1551-36 Product manufactured to client's specification.**

