

GRP KEEPSAFE BALUSTRADE AND BARRIER SYSTEM



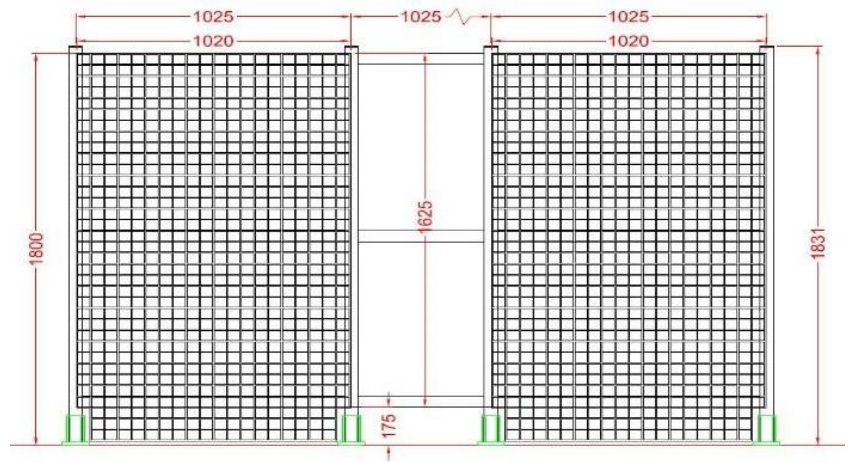
The KeepSafe Balustrade System is our premium alternative to traditional material Balustrade Systems such as steel and timber. It is pre-manufactured in house to suit your exact site requirements, and shipped to site for simple installation.

All Decksafe Balustrade and Barrier Systems comprises of 50 x 50mm Square box Section Stanchions, a 38mm Diameter Connection Tubes, GRP Box Foot along with an optional GRP Mesh Infill Panels or GRP Bars.

All components are manufactured from pultruded fibreglass structural sections, with a superior surface veil to improve aesthetics.

The non-metallic finish ensures that it is warm to touch, non-conductive, and due to its complete pigmentation throughout does not require painting or powder-coating.

The system is ideally suited for industrial and commercial applications particularly in harsh environments where its corrosion resistance allows it to out-perform conventional galvanised steel equivalents. The Keep Safe System is tested to meet BS 6180:2011 to the dimensions here:



BENEFITS

- ✓ Lightweight.
- ✓ Non-conductive.
- ✓ Durable.
- ✓ Fire retardant.
- ✓ Colourfast yellow or grey.
- ✓ Easy to install.
- ✓ Ideal for larger installations.
- ✓ Warm to the touch.
- ✓ BS Compliant 6180:2011 (0.74kN/m & 1.50kN/m)
- ✓ Corrosion resistant.

All Balustrade and Barrier Systems components are joined using stainless steel rivets, screws or bolts, and the complete system is easily installed on-site

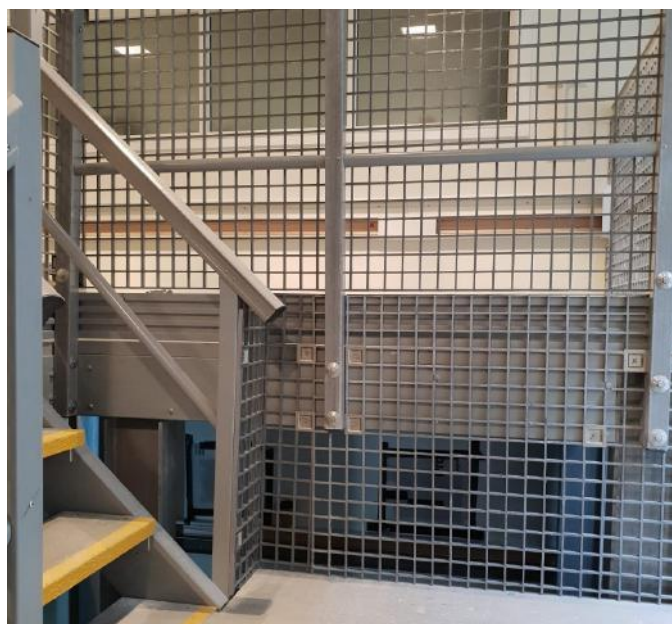
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Railway End of Platform Barriers



Balconies and Edge Protection



Screening/Partioning



Edge Protection

FOR MORE INFO

Call: 01206 322 899

Email: sales@deck-safe.co.uk

Visit: www.decksafe.co.uk

V2-25.01.2019



GRP KEEPSAFE BALUSTRADE AND BARRIER SYSTEM

Summary of Suitability in Accordance with BS 6180:2011:

Type of occupancy for part of the Building	Examples of Specific Use	Horizontal Uniformly Distributed Line Load (kN/m)	Keep Safe Barrier System
Domestic and residential activities	(i) all areas within or serving exclusively one single family dwelling including stairs, landings, etc., but excluding external balconies and edges of roofs	0.36	✓
	(ii) other residential, i.e. houses of multiple occupancy and balconies, including Juliette balconies and edges of roofs in single family dwellings	0.74	✓
Offices and work areas not included elsewhere, including storage areas	(iii) light access stairs and gangways not more than 600 mm wide	0.22	✓
	(iv) light pedestrian traffic routes in industrial and storage buildings except designated escape routes	0.36	✓
	(v) areas not susceptible to overcrowding in office and institutional buildings, also industrial and storage buildings except as given above	0.74	✓
Areas where people might congregate	(vi) areas having fixed seating within 530 mm of the barrier, balustrade or parapet	1.50	✓
Areas with tables or fixed seating	(vii) restaurants and bars	1.50	✓
Areas without obstacles for moving people and not susceptible to overcrowding	(viii) stairs, landings corridors ramps	0.74	✓
	(ix) external balconies including Juliette balconies and edges of roofs; footways and pavements within building cartilage adjacent to basement/sunken areas	0.74	✓

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Type of occupancy for part of the Building	Examples of Specific Use	Horizontal Uniformly Distributed Line Load (kN/m)	Keep Safe Barrier System
Areas susceptible to overcrowding	(xi) theatres, cinemas, discotheques, bars, auditoria, shopping malls, assembly areas, studios; footways or pavements greater than 3 m wide adjacent to sunken areas	3.00	X
	(xii) grandstands and stadia	(Note 1)	-
Retail Areas	(xiii) all retail areas including public areas of banks/building societies or betting shops	1.50	✓
Vehicular	(xiv) pedestrian areas in car parks, including stairs, landings, ramps, edges of internal floors, footways, edges of roofs	1.50 (Note 2)	✓
	(xv) horizontal loads imposed by vehicles	(Note 2)	-

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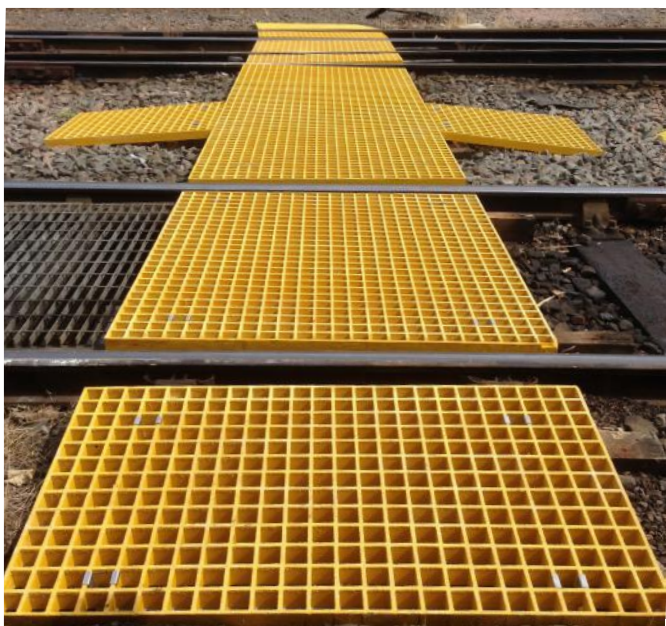
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Related Products



Railway Grating



Handrail



Riser Grating



Walkway

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