

Guardrail Systems



Guardrail Systems Summary

Our range of guardrail edge protection systems is ideal for collective fall protection to flat roof areas.

Key Features

- Our Guardrail range provides systemised solutions for 3 different roof edge conditions
- Each system is designed to be compatible for use with the other system types in the range
- Guardrail systems are supplied in kit form making them quick and simple to design and install
- Systems comprise the minimum number of well-scoped components, facilitating ease of specification and ordering
- Our modular design eliminates the need for costly on-site bending and welding



Freestanding Guardrail System

The Freestanding Guardrail system is a non-penetrative edge protection solution that relies upon a proven counterbalance weight rather than a mechanical fastener to provide the requisite stability.

The system has recently been upgraded to incorporate additional features that minimise the risk of damage to the underlying waterproofing layer.



Parapet Guardrail System

The Parapet Guardrail system uses a fully-adjustable bracket that clamps over the existing parapet wall, with the flexibility to accommodate a range of parapet wall widths.

Further adjustment is provided by the sliding top riser, allowing the overall height of the top rail to be tailored to suit the project's specific requirements.



Topfix Guardrail System

The Topfix Guardrail system is simply mechanically secured to the top of the wall or coping. The system is equally applicable to the provision of permanent edge protection solutions for stairwells, shafts and loading bays.

Options for fixing to metal roofing systems are available via the addition of the Guardrail Extended Base Plate.



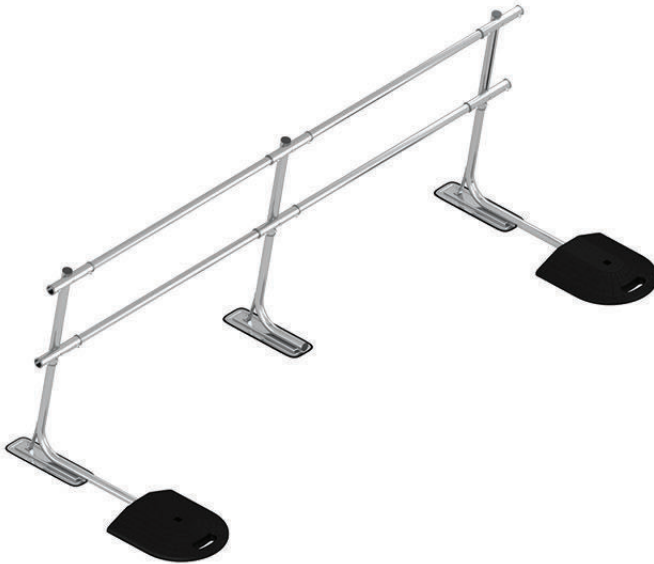
Folding Guardrail System

The Folding Guardrail system has all the benefits of the Freestanding system but folds down flat onto the roof when not in use.

This system is the ideal solution when collective edge protection is required in visually sensitive areas.

Freestanding Guardrail System

Our Freestanding Guardrail system delivers exceptional stability using a proven counter-balance design.



Overview

Freestanding Guardrail does not rely on mechanical fasteners therefore there is no requirement for drilling or penetration of the waterproofing membrane

The system is supplied in kit form using modular components which are quickly and easily linked together to form a sturdy, lightweight and durable collective fall protection system.

Key Features

- Exceptional stability
- Non-penetrative solution
- Lightweight and durable
- Modular design for quick, simple specification and installation

Legislative Compliance

BS EN 13374: 2004 Class A
HSE INDG 284 "Working on roofs"
HSG33 "Health and safety at work"
BS6399: Part 2 1995 Wind code

Colour Options

This product is available powder coated to any RAL colour

Key Components

Main Upright



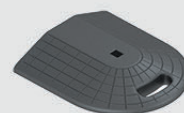
- Height fully adjustable from 850mm up to 1350mm
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Pre-galvanised steel tube

Intermediate upright



- Height fully adjustable from 850mm up to 1350mm
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Pre-galvanised steel tube

Counterweight



- 100% recycled PVC
- Easy to carry weighing just 20kg
- Will not damage roof surface

Cross rails



- Z2 Pre-galvanised tube
- Lightweight and easy to handle
- Pre-cut to 2.50m lengths

Parapet Guardrail System

Our Parapet Guardrail system is ideally suited to roofs where the existing parapet wall is of insufficient height to provide adequate fall protection.



Overview

Parapet Guardrail is highly flexible and can be adjusted to suit wall widths (between 300 and 550mm) and the height of the top and mid rails.

Supplied in a modular kit form the parapet system is quick and easy to install with no on-site welding or bending required. The number of components is kept to a minimum for ease of specification and quick installation.

Key Features

- Site adjustable brackets
- Exceptional stability
- Lightweight and durable
- Modular design for ease of specification and quick installation

Legislative Compliance

- BS EN 13374: 2004 Class A
- HSE INDG 284 "Working on roofs"
- HSG33 "Health and safety at work"
- BS6399: Part 2 1995 Wind code

Colour Options

This product is available powder coated to any RAL colour

Key Components

Main Upright



- Fully height and width adjustable
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Fully galvanised to BS EN 1461

Cross rails



- Z2 Pre-galvanised tube
- Lightweight and easy to handle
- Pre-cut to 2.50m lengths

Topfix Guardrail System

Our Topfix Guardrail system is designed to be mechanically fixed to the top of parapet walls that are of insufficient height to provide adequate fall protection.



Overview

Topfix Guardrail is simple to install and is fully compatible with other Guardrail systems. This flexible is ideal for use where the existing parapet wall is not high enough to provide adequate fall protection or to open shafts, stairwells and or loading bays.

Supplied in a modular kit form the parapet system is fully height and width adjustable and requires no on-site welding or bending. The number of components is kept to a minimum for ease of specification and quick installation.

Key Features

- Site adjustable brackets
- Exceptional stability
- Lightweight and durable
- Modular design for ease of specification and quick installation

Legislative Compliance

- BS EN 13374: 2004 Class A
- HSE INDG 284 "Working on roofs"
- HSG33 "Health and safety at work"
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Colour Options

This product is available powder coated to any RAL colour

Key Components

Main Upright



- Fully height adjustable
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Fully galvanised to BS EN 1461

Cross rails



- Z2 Pre-galvanised tube
- Lightweight and easy to handle
- Pre-cut to 2.50m lengths

Folding Guardrail System

Our Folding Guardrail system has all the benefits of the Freestanding system but folds down flat onto the roof when not in use, ideal for use in visually sensitive areas.



Overview

Folding Guardrail does not rely on mechanical fasteners therefore there is no requirement for drilling or penetration of the waterproofing membrane. When not in use this system folds flat to the roof.

The system is supplied in kit form using modular components which are quickly and easily linked together to form a sturdy, lightweight and durable collective fall protection system.

Key Features

- Exceptional stability
- Non-penetrative solution
- Lightweight and durable
- Modular design for quick, simple specification and installation
- Folds flat to the roof when not in use

Legislative Compliance

- BS EN 13374: 2004 Class A
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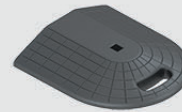
Key Components

Main Upright



- Fully height adjustable from 850mm up to 1350mm
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Fully galvanised to BS EN 1461

Counterweight



- 100% recycled PVC
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Cross rails



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Optional Components

These components are compatible with all our guardrail systems



'D' End Termination

CODE: DE180

A swept 'D' end. Inserts into the uprights to provide a freestanding guardrail termination.



Swept Bend

CODE: SC90

An aesthetically pleasing alternative to a standard 90 degree elbow. Incorporates stainless steel clinch nuts and grub screws to connect directly to the end of the crossrails.



Self Closing Gate

CODE: HHSLGATE

Half height spring loaded self closing gate kit. Inserts directly into uprights.



Wall Flange

CODE: 131-D48

The wall flange is designed to provide a positional wall or base fixing for standard cross rails. It is not recommended to use this type of fitting as a railing base.



Long Tee

CODE: 104-D48

The long tee is designed to provide a butt joint between two tubes at right angles to each other. Often used for railing ends and tops. It allows the through tube to be joined inside the fitting.



90 Deg Elbow

CODE: 125-D48

The 90 deg elbow is designed to provide a joint between two tubes at right angles to each other and is often used for railing ends and corners.



Variable elbow

CODE: 53-D48

The type 53-8 fitting has been designed as a variable angle inline connection, adjustable through 202°.



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