

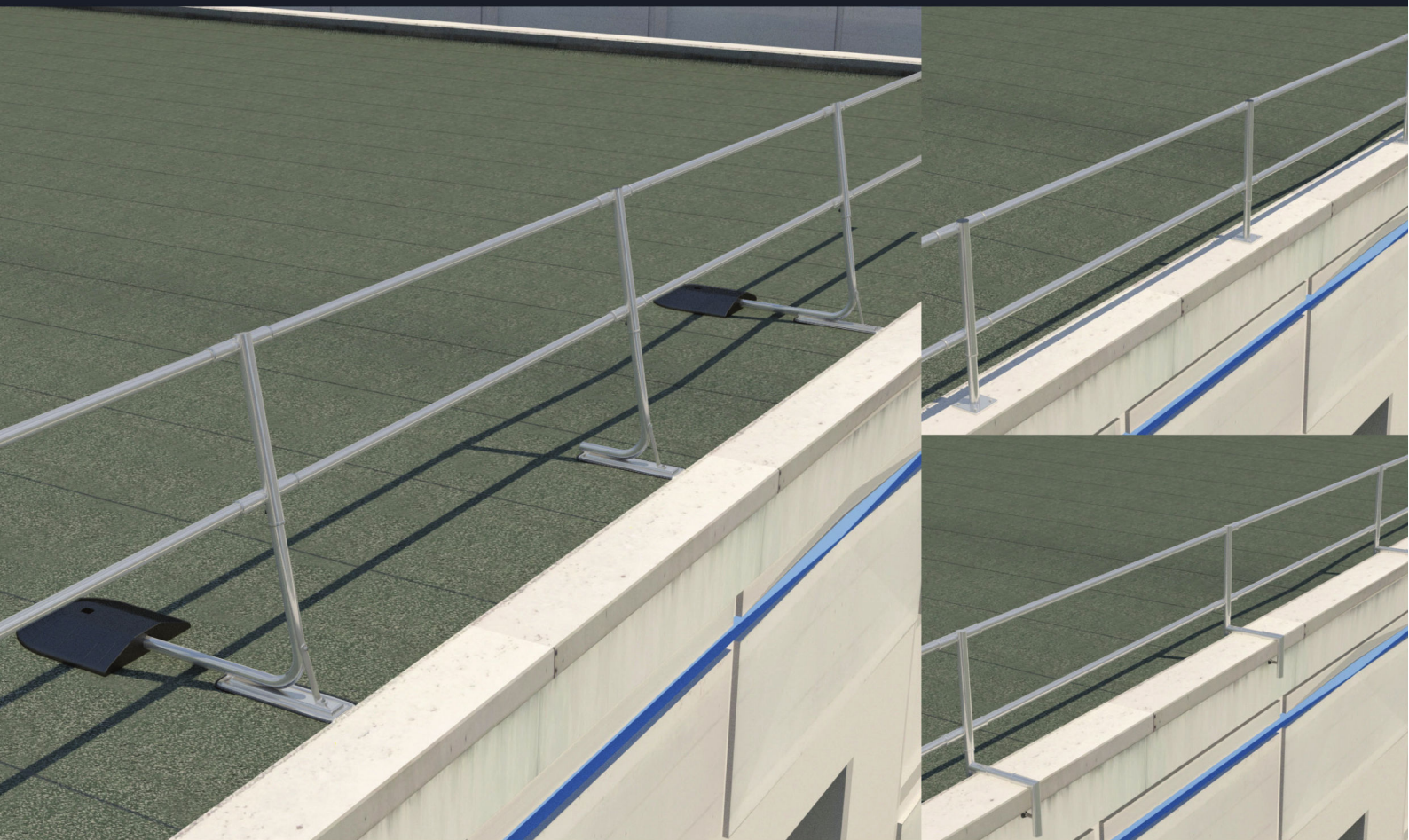
ALUMASC

ROOFING SYSTEMS

Uniclass L4422:G24:N544
(37.6) X (U47)

March 2012

Alumasc Guardrail Fall Protection Systems



Alumasc Guardrail Systems Summary

The Alumasc range of lightweight Guardrail edge protection systems is ideal for collective fall protection on flat roofs.

Key Features

- The Alumasc Guardrail range comprises of system solutions for 3 different roof edge conditions
- Each Guardrail 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 product ordering
- A modular design eliminates the need for time and cost associated with bending and welding systems on site



Guardrail Freestanding System

The Guardrail Freestanding 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.



Guardrail Parapet System

The Guardrail Parapet 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.



Guardrail Topfix System

The Guardrail Topfix 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.

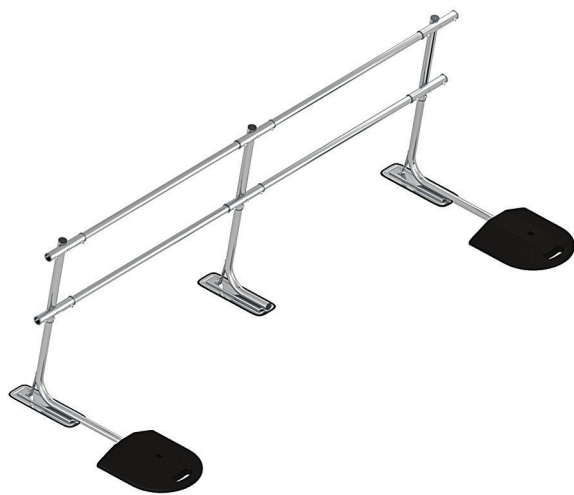


Guardrail Folding System

The Guardrail Folding 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.

Guardrail Freestanding System

The Alumasc Guardrail Freestanding system uses a proven counterbalance design that delivers an exceptionally stable edge protection system.



Overview

Guardrail Freestanding 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 installation and specification
- No onsite welding or bending

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 to special order with powder coating to colours with a BS or RAL number (subject to minimum quantities)

Key Components

Main Upright



- Height fully adjustable from 850mm up to 1250mm
- 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 1250mm
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Pre-galvanised steel tube

Counter Weight



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

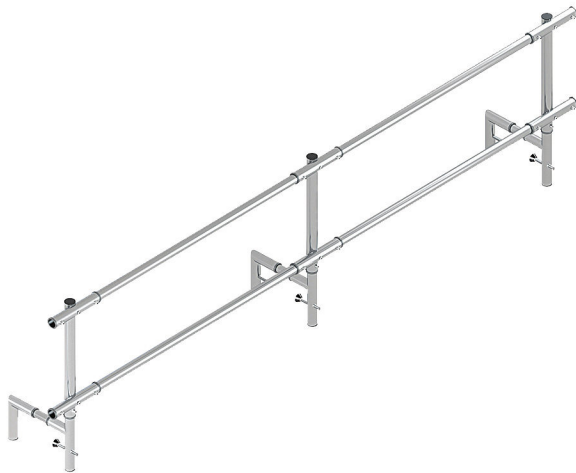
Cross Rails



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

Guardrail Parapet System

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



Overview

Guardrail Parapet is highly flexible and can be adjusted to suit wall widths between 300 and 550mm. The height of the top and mid rails are also adjustable. 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 quick, simple installation and specification
- No onsite welding or bending

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 to special order with powder coating to colours with a BS or RAL number (subject to minimum quantities)

Key Components

Main Upright



- Fully height and width adjustable
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Pre-galvanised steel tube

Cross Rails



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

Guardrail Topfix System

The Alumasc Guardrail Topfix system is designed to be mechanically fastened to the top of parapet walls that are of insufficient height to provide the requisite fall protection.



Overview

Guardrail Topfix is simple to install and is fully compatible with other Guardrail systems. This flexible system provides height adjustment of the top and mid rails via the sliding top riser. 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
- Exceptional stability
- Lightweight and durable
- Modular design for quick, simple installation and specification
- No onsite welding or bending

Legislative Compliance

- BS EN 14122:3 section 8.2
- HSE INDG 284 “Working on roofs”
- HSG33 “Health and Safety at Work”
- BS6399: Part 2 1995 Wind Code

Colour Options

This product is available to special order with powder coating to colours with a BS or RAL number (subject to minimum quantities)

Key Components

Main Upright



- Fully height adjustable
- Removable top riser unit
- Stainless steel grub screws and clinch nuts for extra durability
- Pre-galvanised steel tube

Cross Rails



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

Guardrail Folding System

The Guardrail Folding system has all the benefits of the Freestanding system but folds down flat on to the roof when not in use - ideal for installation in visually sensitive areas.



Overview

Guardrail Folding 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

- Non-penetrative solution
- Lightweight and durable
- Modular design for quick, simple installation and specification
- No onsite welding or bending
- Folds flat to the roof when not in use

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 to special order with powder coating to colours with a BS or RAL number (subject to minimum quantities)

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
- Pre-galvanised steel tube

Counter Weight



- 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

Guardrail Optional Components

The following components are compatible with all Guardrail systems:



'D' End Termination

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

CODE: GR-D180



Swept Bend

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

CODE: GR-SC90



Self closing gate

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

CODE: GR-HHSLGATE



Wall Flange

The wall flange is designed to provide a positional wall fixing for standard cross rails.

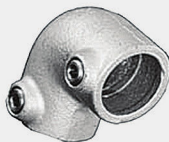
CODE: GR-131-D48



Long Tee

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.

CODE: GR-104-D48



90 Deg Elbow

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.

CODE: GR-125-D48



Variable Elbow

The variable elbow fitting has been designed as an adjustable in-line connection, that can accommodate changes in angle of up to 202°.

CODE: GR-53-D48

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