

# COMBISAFE BARRIER SYSTEM EDGE PROTECTION FOR STEEL FRAMES



Combisafe edge protection systems have been specifically designed to meet the unique challenges of each construction technique, including steel frames, with a wide range of innovative attachments for the safe and secure fixing of barrier protection to beam edges, webs and faces. Combining a range of valuable benefits such as strength, durability, speed of installation and adjustability.

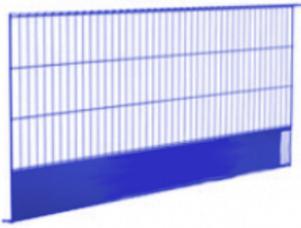
The barrier is light to carry and easy to manoeuvre for improved transport and on-site handling.

Combisafe Steel Mesh Barrier is designed in compliance with EN13374, Class A, B & C and has been the forerunner in edge protection for over two decades.



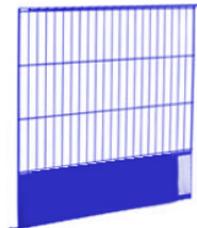
# COMBISAFE BARRIER SYSTEM COMPONENTS FOR STEEL FRAMES

## Formsafe Barrier 260



Lightweight, versatile barrier that provides hard-mesh coverage with impact-absorbing capacity. Each weld can withstand a force of 500kg. Designed with closed return for greater debris containment, and with reinforced edges to prevent site damage. Guardrails, toeboard and debris mesh in one product.

## Formsafe Barrier 130



Lightweight, versatile barrier that provides hard-mesh coverage with impact-absorbing capacity. Each weld can withstand a force of 500kg. Designed with closed return for greater debris containment, and with reinforced edges to prevent site damage. Guardrails, toeboard and debris mesh in one product.

## Flexi Attachment



Used to provide a post attachment at an adjustable offset, up to max. 350mm from a vertical surface. Used in beam webs, on walls, façades, shaft sides, or slab edges etc. The bolt is pre-fitted to the base material and the keyhole used to initially secure the attachment until the fastener is tightened.

## Anchor Socket



Weld directly to steel beams and structures to support edge protection posts and barriers.

## Plastic Sleeve



The simplest pre-planned attachment. The Plastic Sleeve is cut to the required length and is fitted with the Plastic Plug. This is then cast-in to the slab in the required position.

## Steel Mesh Barrier Holder



The Steel Mesh Barrier Holder allows the barrier to be installed at any height on the Safety Post, facilitating work under the barrier, and enabling the barrier to be parallel with the working surface at all times.

## Steel Jaw Clamp



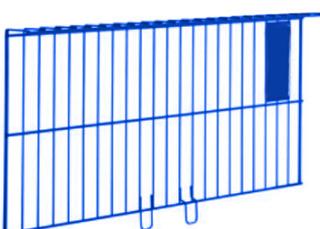
The Steel Jaw Clamp ensures a secure attachment to steel beams and columns. The jaws and the spacer can be re-positioned on the body to increase the offset or to attach in both the horizontal and vertical plane. The Steel Jaw Clamp uses the same body as Multi Clam

## Safety Posts



When mounted in the various attachments and combined with the Steel Mesh Barrier, forms a safe fall prevention solution. Can be used on its own or with Steel Mesh Barrier Holder. Available in a variety of lengths.

## Steel Mesh Barrier Make-up



Used together with the Steel Mesh Barriers to gain extra coverage height. Available for both Formsafe Barrier 260 and Formsafe Barrier 130.

## Steel Mesh Barrier Hinge



A small and simple device to fasten Steel Mesh Barriers together. The Steel Mesh Barrier Hinge will also allow easy access. Corners can be created at any angle between 76° and 284° when attached to the end of the barriers, but can also provide angled corners at any position along the barrier.

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## Gap Closer



The Gap Closer is used to fill gaps, voids, returns, and to protect against sharp ends and edges. It will fill gaps between 100mm and 500mm. It is held in place by four straps, and forms a smooth curve between the attached edges, protecting sharp corners and solving a vast range of edge protection continuity problems.

## Stair Attachment



Used to support systems on stairs, permitting access to both the top surface and the soffit. Two spurs/studs are pushed into the concrete during installation stabilising the single point fixing. The Safety Post is positioned 90mm off the edge of the stairs, creating space for finishes and nosings.

## Stair Angle Attachment



Accessory to the Multi Clamp to hold the clamp in place on the angled soffit of the stairs. The tube is fitted to the clamp's lower leg, and the hook engages on the step riser. This restrains the clamp assembly.

## Stair Barrier



The Stair Barrier is designed for staircase slopes of 30° and provides continuous edge protection along staircases. It can also be raised to allow access to work on the outside edge of the stair unit. Stair Barriers can be fitted to either side of the staircase.

# COMBISAFE BARRIER SYSTEM OVERVIEW FOR STEEL FRAMES

Product Detail	Information
Barrier Lengths	130   260 cm
Barrier Heights	115 cm
Mounting System	Flexi Attachment   Anchor Socket   Plastic Sleeve   Steel Jaw Clamp   Safety Post   SMB Make Up   SMB Hinge   Gap Closer   Stair Attachment   Stair Angle Attachment   Stair Barrier
Handrail post fixing	SMB holder
Application Range	Concrete slab   concrete stairs   concrete balconies   slab formwork   steel joists
Relevant norms	EN13374 A, B and C
Special features	<ul style="list-style-type: none"><li>• Closed Toeboard</li><li>• Reinforced edges</li><li>• Steel mesh protection with impact absorbing capacity</li><li>• Weighs under 20kg</li></ul>

## Advantages



Lightweight, versatile system for speedy erection



Quick to disassemble without specialist skills on-site.



Meets all European regulations for edge protection.