Edge Protection Systems  Engineered to protect, designed to adapt
WORLDWIDE LEADERS IN ON-SITE SAFETY

With a commitment to innovation in edge protection, fall prevention, weather protection and temporary access, Combisafe offers a comprehensive and highly adaptive range of high quality products and systems that continually set new standards in safety, whilst working at height and on-site.

With industry leading products, exceptional project design and expert engineering support from the outset, Combisafe provides the total solution for your temporary edge protection needs.

DELIVERING SEAMLESS EDGE PROTECTION

Our product portfolio comprises of a broad range of product systems suitable for most construction challenges. Led by our industry-leading Steel Mesh Barrier (SMB) system, our range also includes innovative solutions such as Multi Mesh Barriers (MWB), Net Barrier System, Full Height Containment and our Fast Frame™ system – developed specifically for high rise steel frame construction.

Our entire product portfolio is accompanied by a truly comprehensive range of attachments, fixings, posts and accessories to ensure that our products can be used universally. For added safety, many Combisafe products are designed for pre-assembly on the ground – allowing them to be fully integrated with building elements before being lifted into position.
For over 25 years, Combisafe has worked in partnership with every sector of the construction industry to develop innovative solutions for the protection of people working at height. One of the greatest advantages of our long term partnership with the industry is the understanding we have developed about how our products are actually used on-site, this allows us to tailor our product systems and accessories to address our customers’ specific needs.

There are many reasons why people trust Combisafe to provide their temporary edge protection solutions. Here are just a few of the most common reasons why people choose the industry leading protection offered by Combisafe.

**WHY CHOOSE COMBISAFE?**

**Productivity –** Combisafe products offer exceptional adaptability for even the most challenging construction projects. The entire Combisafe product range has been developed to offer fast frame™ – created especially for steel construction.

**Systemised –** Our product range offers a genuinely systemised solution for providing best-in-class temporary edge protection.

**Simplicity –** Requiring no specialist training to install, Combisafe products offer an exceptionally flexible way of providing temporary edge protection.

**Value –** With high quality manufacturing, a host of valuable integrated features and knowledgeable support from the outset, Combisafe offers exceptional value.

**Health & Safety Managers**

**Specialist** – Every Combisafe product is the culmination of decades of specialist experience in protecting people working at height.

**Confidence** – Combisafe products are designed to provide workers with confidence whilst limiting their ability to work outside of agreed methods when working at height.

**Sale** – Precision engineered systems offering trustworthy protection - you can be 100% sure that every factor has been considered when you choose Combisafe.

**Quantity Surveyors**

**Fast** – Our products are designed to be quick and simple to install, reducing on-site delays and ultimately the cost of labour.

**Efficient** – With a product range characterised by adaptability, Combisafe products can be used in many ways, minimising the amount of equipment required on-site.

**Price** – While Combisafe products are not the cheapest on the market, they are designed and manufactured for enhanced long term cost effectiveness.

**Project Manager**

**Partnership** – From the earliest stages of your project, the Combisafe team of experts will work with you to develop cost-effective solutions to your unique safety challenges.

**Versatile** – Suitable for almost every type of construction project, the Combisafe product range has been designed and tested to offer an exceptionally flexible way of providing temporary edge protection.

**Value** – With high quality manufacturing, a host of valuable integrated features and knowledgeable support from the outset, Combisafe offers exceptional value.

**Sub-Contractors**

**Personal** – Every Combisafe product has been designed to offer a best-in-class level of personal safety to protect people working in potentially hazardous situations.

**Trust** – Why expose yourself to potential liability? When you choose Combisafe, you receive temporary edge protection you can trust.

**Efficient** – To help preserve your margin of profit, every Combisafe product is designed for complete efficiency and seamless integration into your working methods.

**Concrete**

**Systemised** – Our product range offers a genuinely systemised solution for providing best-in-class temporary edge protection.

**Complete** – We offer a complete safety solution that eliminates the need for additional precautions such as harnesses and airbags.

**Universal** – Combisafe offers the largest accessories range in the industry to ensure that our product systems can be used virtually anywhere.

**Steel**

**Systemised** – We offer a wide range of sector specific innovations such as Fast Frame™ – created especially for steel construction.

**Adaptable** – The entire Combisafe product range has been developed to offer exceptional adaptability for even the most challenging construction projects.

**Quality** – Every Combisafe product is manufactured and tested to the most exacting standards. Simply put, our products are designed and built to last.

**Timber**

**Reliable** – Our products are trusted throughout the construction industry for their absolute reliability in even the toughest of circumstances.

**Robust** – The entire Combisafe product range has been specifically designed and manufactured to withstand the rigours of modern construction.

**Practical** – Combisafe offer a comprehensive range of highly practical solutions developed to work seamlessly with every type of project.

**Civil Engineering**

**Simplicity** – Requiring no specialist training to install, Combisafe product offer many important advantages over traditional edge protection solutions.

**Complete** – We offer a complete solution for temporary edge protection where every system in our range is designed to be inter-compatible.

**Scalable** – From the smallest projects to the very largest, Combisafe products have been designed to operate seamlessly with your work methods and programmes.
Industry leading safety is one thing, but we understand that our customers demand more from their investment which is why we provide a specialist engineering and design service from the outset. Not only does this allow us to ensure that our systems exactly meet your safety needs, but also that they offer genuine value too. We even operate our own test laboratory to develop bespoke product solutions.

In addition to this, Combisafe also offers access to a network of specialist expertise, after-sales care and training through our extensive field service team. To assist with your long term commitment to at height safety, Combisafe also offers fall safety planning services alongside training courses, demonstrations and practical exercises at our safety centres.

For over 25 years Combisafe has been working in partnership with the international construction industry to develop a comprehensive range of on-site safety systems.

Intelligent planning is central to on-site safety, which is why we like to work with our customers from the outset to maximise the benefits of our edge protection systems, as well as improving site productivity and reducing lead times.

Our business has been built on providing high quality, reliable safety systems that protect people who work on-site, and particularly those that work at height, but our long term success has been built on our commitment to finding better ways to work with our customers. We call this the Combisafe Difference.

Across 25 years we have built an unrivalled platform of specialist knowledge and experience from our involvement with the Construction Industry. Working with us guarantees you all the expertise you’ll need to make proactive decision about on-site safety.

With specialist solutions available for every construction sub-sector, Combisafe products are proven to be more effective, more adaptable, and simpler to install than comparable safety systems. With the widest selection of attachments and accessories in the industry, you can rely on us to find a solution that exactly meets your needs.

Simply put, when you choose Combisafe, you choose the expertise of a genuine market leader, where every factor has been considered, and every product tested to an unrivalled standard.

Steel Mesh Barrier (SMB) training at one of our safety centres.
EDGE PROTECTION SYSTEMS

THE STEEL MESH BARRIER SYSTEM (SMB)

The most commonly used system in our product range is the Steel Mesh Barrier (SMB) – an innovative and highly adaptable temporary edge protection solution used worldwide.

The SMB has been developed to offer an alternative safety system for the most challenging construction environments - 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.

THE STEEL MESH BARRIER STAIR

• Combined guardrails, toeboard and debris mesh.
• Steel mesh protection with impact-absorbing capacity.
• Closed and returned toeboard for enhanced debris containment at the slab edge.
• Adjustable height with no need for disassembly.
• Available in 2.6m and 1.3m widths.
• Available in square and circular post variants, the SMB system attachments and posts are compatible with most types of access structures.
• The SMB range is fully compliant with European regulations for temporary edge protection EN 13374.
• Returned top edge with no sharp edges.
• Reinforced side bars for enhanced durability.

MARKET LEADING RANGE - THE SMB SYSTEM FEATURES AN ARRAY OF INTEGRAL BENEFITS.

In terms of edge protection, staircases have traditionally presented a significant safety challenge – previously even providing basic safety features generally necessitated the improvised cutting of tubes and timber boards which themselves carried inherent safety issues.

Based on the trusted SMB system, the Steel Mesh Barrier Stair System provides an unrivalled systemised solution specifically designed to work alongside SMB protected landings for exceptional continuous edge protection.
Inspired by the European Standard for Temporary Edge Protection, Combisafe has developed an innovative Net Barrier System (NBS) that is specifically designed to meet EN 13374 class C. Perfect for providing edge protection around roofing projects, the NBS is the only product currently available that meets this important standard.

- The NBS offers the following features – Spans up to 10m between intermediate supports in its standard form.
- Coverage for large overhangs spanning over 1.5m.
- Offers roofers reassurance and confidence whilst restricting their ability to work outside agreed method statements.
- Provides a high degree of material and debris containment.

To address the hazard of loose building materials or dropped tools falling outside of the construction area, Combisafe provides a broad range of high quality containment solutions.

There is presently no European standard for construction containment, so Combisafe has created its own which combines either Steel Mesh barriers or Multi Mesh Barriers and debris netting.

Combisafe Containment units are designed to be effortlessly configured with our standard product range to provide a highly adaptable range of solutions offering seamless floor to soffit containment. To find out more, please refer to www.combisafe.com or speak to a member of our customer service team.

The Multi Mesh Barrier incorporates barrier and post into one easy to install unit, limiting the number of components needing to be used and stored. The MMB can also include an integrated locking mechanism allowing adequately protected workers to open the barrier like a gate to access the edge.

- All in one unit, featuring integrated post and toe board.
- Lightweight (15kg – 18kg).
- 2137 x 1150mm and 2550 x 1150mm (with integrated lock)
- With no fixed centres, the MMB offers an adaptable way to access the edge with a wide mesh that can be worked through safely.

Working with the construction industry to identify the specific safety needs of specialist project work, and having been commissioned to produce several bespoke solutions for customers in the high-rise steel frame industry, Combisafe developed Fast Frame™.

Designed for fast and simple installation using no specialist tools, the Fast Frame™ system slots effortlessly into pre-welded sockets on the perimeter beams to create an integral triple guardrail. Fully adjustable for slabs of any thickness, and easily enhanced with a Debris Mesh Barrier for greater containment, Fast Frame system represents an exciting innovation in temporary edge protection safety.
ATTACHMENTS

To address the ever evolving challenges of modern construction, we have developed a broad range of versatile attachments that deliver the highest standards of safety regardless of your building structure type.

Whether using one of our standard attachments, or a selection from the widest range of special order fitments in the market, we offer a seamless edge protection resource that integrates fully with your construction process and work programme.

The following attachments are a small sample of what Combisafe are currently able to supply. If the solution you require is not shown, please contact our customer service team.

C-SYSTEM / S-SYSTEM

The unrivalled versatility across the SMB range is complemented by a vast assortment of attachments. This includes the C-System attachments designed for circular posts which integrate with traditional scaffolding couplers, while the S-System uses square posts which are widely used in Europe.

ATTACHMENTS

1. Aluminium Beam Attachment
2. Balcony Attachment
3. Bridge Attachment
4. Bridge Edge Attachment
5. Bridge Parapet Plate
6. Ledges Attachment Adjustable
7. Ledges Attachment Attached Extended
8. Facade Bracket
9. Precast Attachment
10. Precast Edge Attachment
11. Flex Attachment
12. Front Attachment
13. Jamb Attachment
14. Multi Clamp
15. Multi Foot
16. Plastic Sleeve / Plastic Plug
17. Shuttering Attachment
18. Slab Edge Bracket
19. Start Attachment
20. Steel Clamp
21. Steel Jaw Clamp
22. Timber Beam Attachment
23. Verti Clamp
24. Variable Angle Attachment
25. Variable Foot Attachment
26. Vertical Tube Attachment
27. Welded Socket

Product Name

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<th>Product Name</th>
<th>Steel Frame</th>
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<th>Civil Engineering</th>
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* Most attachments work with Precast concrete when used with a cast-in anchor. These are also available from Combisafe.

This is but an example of the range available. Please contact combisafe with your specific requirements and we will work with you to match our solutions with your needs.

Engineered to protect, designed to adapt

Smarter Edge Protection
ACCESSORIES

To ensure that the SMB system is truly universal, Combisafe have developed an extensive range of accessories to facilitate broad use of the product. This is just a small selection of the accessories available; refer to www.combisafe.com for the full catalogue.

SMB HINGE
A connecting joint, the SMB Hinge allows corners between 76° and 284° to be positioned anywhere along the barrier whilst preserving easy access.

SMB ADJUSTER
The SMB Adjuster allows the barrier to be adjusted in height without dismantling the system.

SMB HOLDER
The SMB Holder is adjustable on the Safety Post, allowing the barrier to be installed at any height, facilitating work under the barrier.

GAP CLOSER
For use with the SMB Stair system, the flexible Gap Closer fills gaps, voids, returns and protects against sharp edges.

BARRIER CLIP
Provides extra stability when used with the Steel Mesh Barrier and Make-up Barrier.

COMBISTRAP
A simple webbing strap with locking buckle. Acts as a strong, easily re-used cable tie. 400mm long.

TOEBRoard HOLDER
Fitted to the Safety Post to hold a toeboard in position, the Toeboard Holder permits simple fitting and dismantling with the guardrail in place.

SAFETY POSTS
When mounted in the various attachments and combined with SMB, the Safety Post offers reliable fall prevention support. The Quickloc locking mechanism permits fast, easy assembly.

SAFETY POSTS
Can be mounted in the various attachments and combined with the Steel Mesh Barrier. Quickloc locking mechanism eases installation and dismantling.

ADJUSTABLE SAFETY POSTS
Combined Safety Post and SMB Holder which allows the barrier to be set at the required height.

SHAFT GATE
Self-closing, the Shaft Gate is an access solution for service ducts, lift shafts or on any edge where access is required.

BARRIER BOX / MULTI BOX
The Barrier Box holds fifty SMB units for storage or transport. The Multi Box is a convenient, cransuable container for small parts and attachments.

PROJECTS FROM AROUND THE WORLD

Project: adidas LACES, Herzogenaurach, Germany
Design & Build Contractor: Prebeck GmbH
Client: adidas AG
Products: Steel Mesh Barrier S-System, Posts and Steel Jaw Clamps
*The edge protection system was completed on site at ground level, and lifted into position by crane. Thus, we were not only able to increase the safety for our workers on-site, but also to reduce the risk of accidents enormously. No additional personal protection equipment, which is very expensive and has been used in the past to install the edge protection, was necessary, which saved us both time and costs.*
Heinrich Prem, Assembly Manager, Prebeck GmbH

Project: Pont de la Caille, Allonzier-La-Caille, France
Client: Le conseil Général de Haute Savoie
Contractor: DV Construction and VSL, Bouygues Construction France
Products: Steel Mesh Barriers S-System, SMB Make-up, Posts and Site Stairways
*With a total height of 150m, a special edge protection was needed for this project. The modular system from Combisafe proved to be the best solution. By using the Steel Mesh Barriers we were able to protect our workers along the edge of the bridge as well as block the visibility of the deep valley underneath, which made them feel much safer.*
José Guimarães, Site Manager, DV Construction

Project: DMCC, Al Baras Tower, Jumeirah Lake, Dubai.
Client: Nakheel
Main Contractor: TAISEI – ACC (Pc).
Products: Steel Mesh Barriers S-System, SMB Make-up, Posts and Site Stairways
*This was the first time ACC has used Combisafe products on one of our sites. The products were introduced to us at the start of the project, and we were impressed by the good quality of the materials used; but more importantly, they provided a solution to our need to maintain a high level of safety on our sites.*
Mohamed Hamze, Construction Manager

Project: Car Park P3, Airport Nürnberg, Germany
Client: Hubertus Nürnberg GmbH
Main Contractor: AECF, Medebau, Anton Schick GmbH & Co. KG, Volkel & Kudischföder Ingenieurbaub GmbH
Products: SMB S-system, Posts, Expanding Anchor Socket, Variable Angle Attachment
*We were looking for an edge protection system that enabled us to work on the concrete surface right at the edge of the building whilst ensuring total safety for all workers involved. We tested and compared various solutions but decided to use Combisafe as they convinced us of the high quality, user-friendliness and flexibility of their products, as well as the friendly and excellent customer service.*
Holger Henning (Construction Manager, Teamjürgens)