

CONSTRUCTION SITE SAFETY

Solutions for the protection and safety of workers at height



 rothoblaas

Solutions for Safety

THE HIERARCHY OF FALL PROTECTION

1

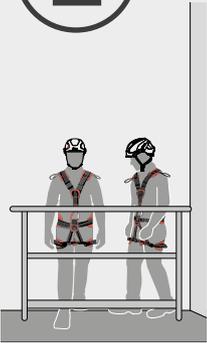


ELIMINATE THE RISK

Where possible, avoid work at height. Alternatively, install systems and equipment in safe areas free from the risk of falls.



2

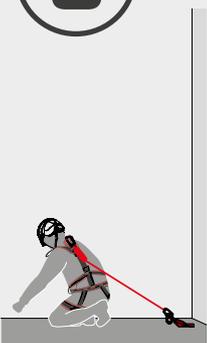


COLLECTIVE PROTECTION

If work at a height is unavoidable, minimise the risk of falls by using collective protection such as the Rothoblaas BORDER railing, and avoid unnecessary exposure.



3



PERSONAL PROTECTION

Where the risk of falls cannot be eliminated, use a suitable safety system to minimise the consequences, employing restraint or fall protection systems.

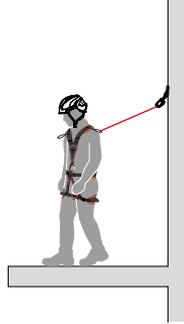


CONSTRUCTION SITE SAFETY WORK METHODS

RESTRAINT



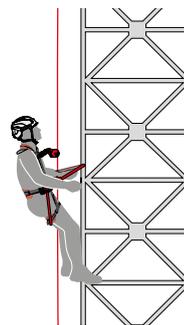
A personal protection system that prevents the worker from reaching areas at risk of falls from height, keeping them in a safe position by means of devices that limit movement.



POSITIONING AT WORK



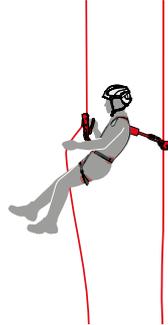
This allows the person to work in tension or restraint, keeping them in a stable and safe position, thus preventing falls. The worker is supported by personal protective equipment such as harnesses and ropes that ensure safety and stability during work.



ROPE ACCESS



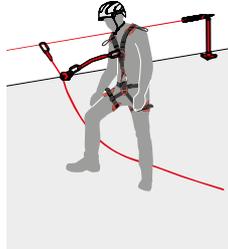
The worker safely accesses and moves towards the area of work using a work rope and a safety rope, each separately connected to secure anchor points. The system allows safe operation in hard-to-reach areas, such as vertical walls or elevated surfaces, preventing or stopping falls.



FALL ARREST



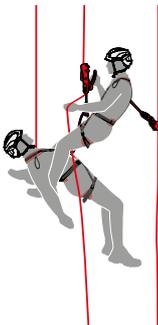
A protection system that immediately stops a worker, limiting the impact force on their body during the arrest. It consists of devices such as harnesses, ropes and anchors, distributing the impact energy in a controlled manner.



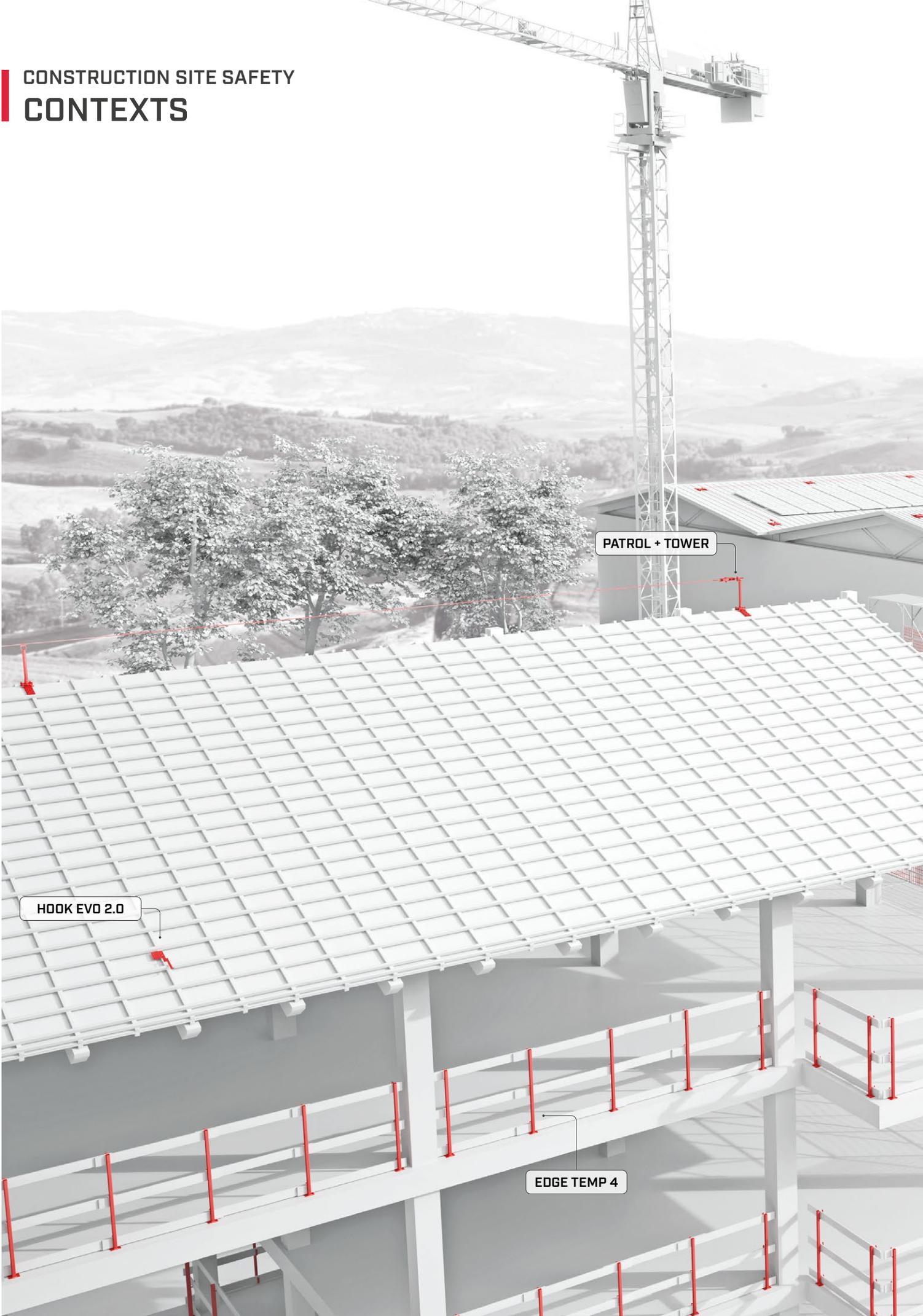
RECOVERY OR RESCUE



The set of procedures necessary to assist and safely recover a worker in an emergency situation, such as a fall or illness, during work at height. These operations allow a person to save themselves or others using specific equipment and applying rapid response protocols.



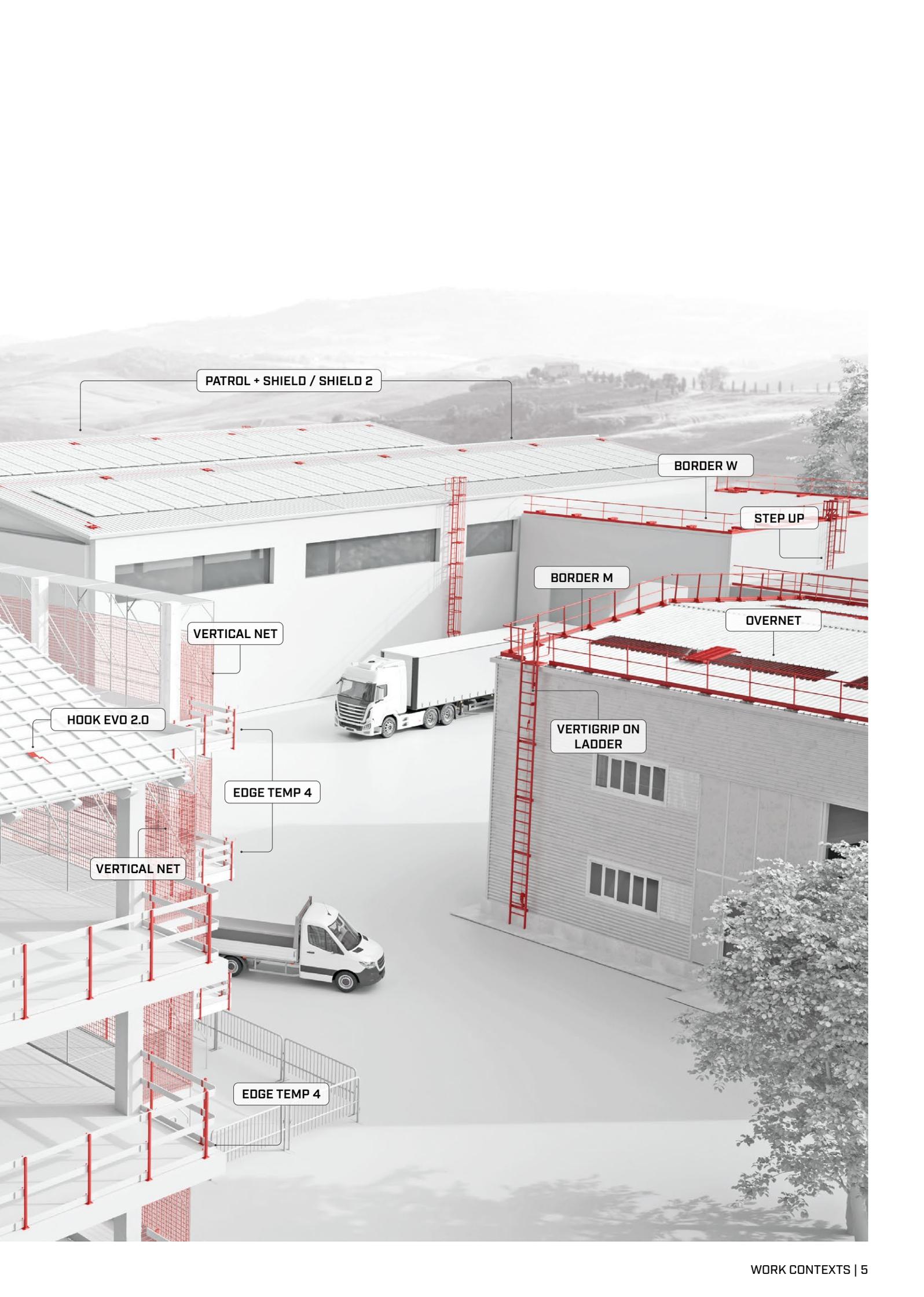
CONSTRUCTION SITE SAFETY CONTEXTS



PATROL + TOWER

HOOK EVO 2.0

EDGE TEMP 4



PATROL + SHIELD / SHIELD 2

BORDER W

STEP UP

BORDER M

OVERNET

VERTICAL NET

HOOK EVO 2.0

VERTIGRIP ON LADDER

EDGE TEMP 4

VERTICAL NET

EDGE TEMP 4



HOOK EVO / 2.0

ANCHOR POINT

Quick and easy installation using Ø8 HBS screws. The base plate with an increased number of holes allows the anchor to be mounted in different positions, depending on the type of roof tiles.



HOOK SPIKE

ANCHOR POINT WITH LADDER HOOK

Optimised design for attaching portable ladders and for facilitating operator access to steeply pitched roofs.



LOOP

ANCHOR POINT FOR TIMBER AND CONCRETE SUBSTRUCTURE

Under-tile fastening ensures a low visual impact, ideal for installation on roofs in historic centres.



SLIM

ANCHOR POINT FOR SMALL STRUCTURES

Can be installed on small beams, with minimum dimensions of 38 x 68 mm with no limits on maximum width.



KITE

ANCHOR POINT

Thanks to its lightweight and compact size, this anchor can be installed quickly and easily.



WING

ANCHOR POINT FOR ROPE ACCESS WORK

Extremely robust and reliable. Designed to support single-operator rope access work and fall-protection systems for up to three operators.



AOS

ANCHOR POINT

The 360° swivel eyelet allows the operator total freedom of movement. Supplied in a handy kit complete with bolts and washers for installation.



PATROL + TOWER

LIFELINE ON SUPPORT FOR TIMBER, CONCRETE AND STEEL ROOFS

The system easily adapts to a wide range of design configurations. Thanks to dedicated supports, it can be easily installed on timber, concrete, steel and trapezoidal metal roofs. Its visual impact is minimal, ensuring seamless integration with the existing architecture.



HOLD-SYSTEM®

TEMPORARY HORIZONTAL ANCHORING DEVICE

Complete system of carabiners and webbing for fastening. Quick and easy tensioning of the system by one operator using Prusik knot system and self-locking device.



TOWER

SUPPORT FOR TIMBER, CONCRETE AND STEEL ROOFS

Thanks to its elasto-plastic behaviour, it reduces loads in the event of a fall and is suitable for flat, pitched or elevated roofs, with heights ranging from 300 to 800 mm.



TOWER XL

SUPPORT FOR LIFELINE ON CLT, CONCRETE AND HOLLOW CORE CONCRETE ROOFS

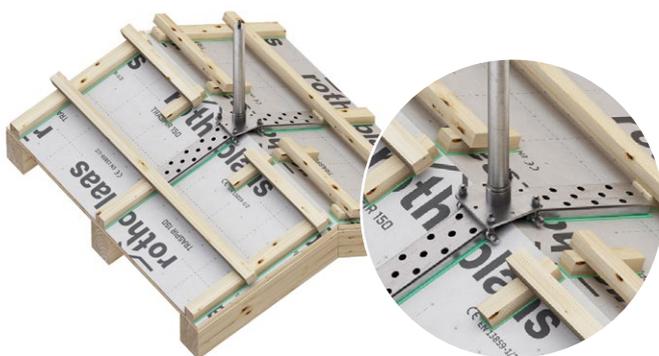
Ideal for CLT. The increased bottom plate distributes the actions arising from the anchoring devices over a larger area.



TOWER PEAK

ADAPTOR FOR DOUBLE LAYER RIDGE PIECE FOR TOWER

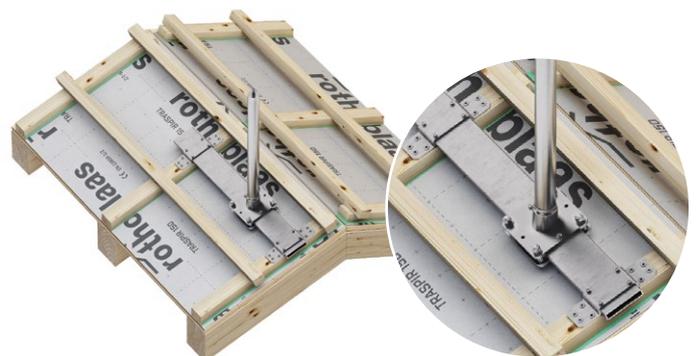
Accessory that allows for lifeline assembly even on closed roofing, without the need for opening and adapting to any slope.



TOWER SLOPE

FASTENING GUIDE FOR TOWER ON RAFTER

Allows the anchor system to be placed in any point on the roof. Due to the range of action from 50 to 100 cm, it can cover the most common distances between beams.



SIANK

ANCHOR POINT FOR STANDING SEAM METAL ROOFS

Device fixed to the seam by means of a single clamp, without the need to drill holes in the metal sheet, guaranteeing its impermeability and durability.



PATROL + T-CLAMP

LIFELINE ON SUPPORT FOR CONTINUOUS ROOFS

A versatile system with special clamps allowing installation on various types of metal roofs.



PATROL + SHIELD

LIFELINE ON SUPPORT FOR TRAPEZOIDAL METAL ROOFS WITH AND WITHOUT INSULATION LAYER

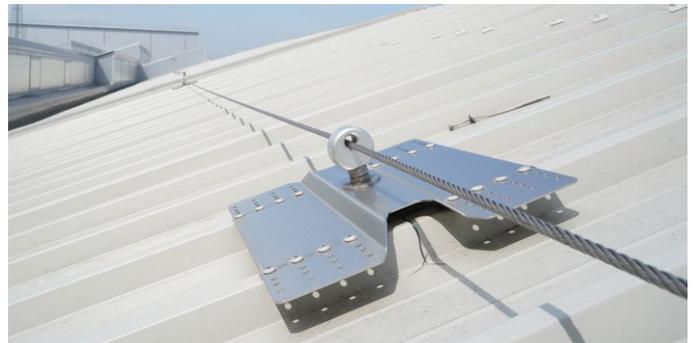
Used on all trapezoidal metal roofs with and without insulation layer with a span between frets of up to 420 mm.



SHIELD 2

SUPPORT FOR TRAPEZOIDAL METAL ROOFS

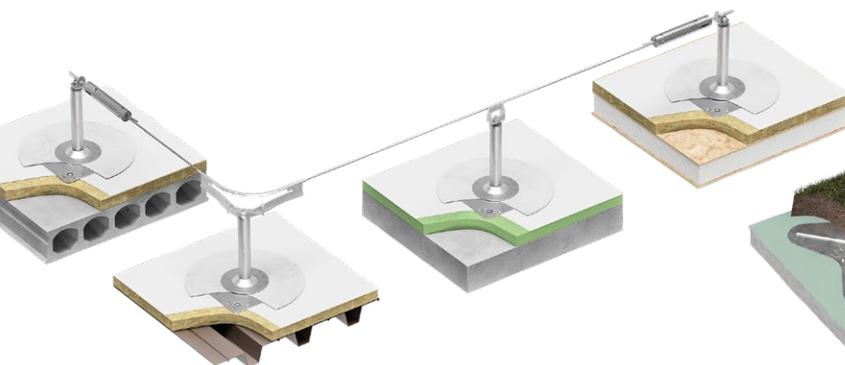
SHIELD 2 for use as a straight intermediate point. Easy installation because it is configured as a single plate.



PATROL + T-ROOF

LIFELINE ON SUPPORT FOR PVC/TPO AND BITUMINOUS ROOFS

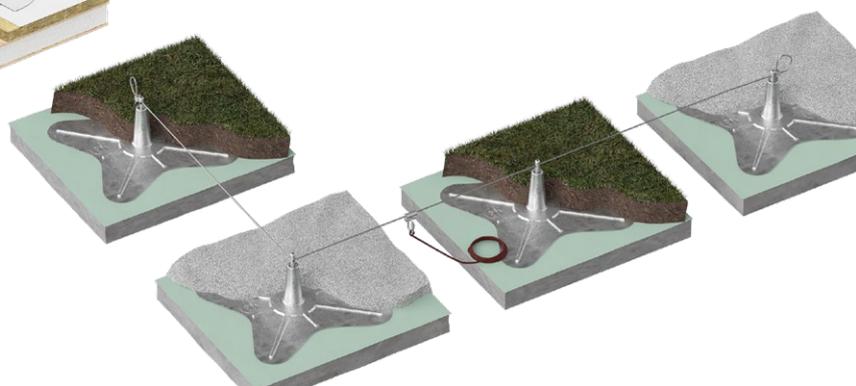
Universal system for application on the roof surface with installation on various supporting substructures. The various fastening kits enable specific installation for each substructure and for different insulation thicknesses.



GREEN LINE

LIFE LINE ON SUPPORTS WITH BALLAST

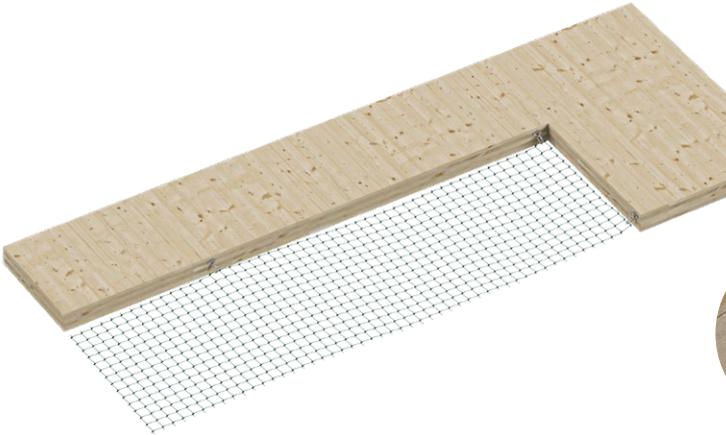
System with ballast that does not require the roofing to be penetrated. It avoids thermal bridging and respects the waterproofing of the structure. Reduced visual impact, almost invisible once installed.



HORIZONTAL NET

HORIZONTAL POLYPROPYLENE FALL PROTECTION SAFETY NET

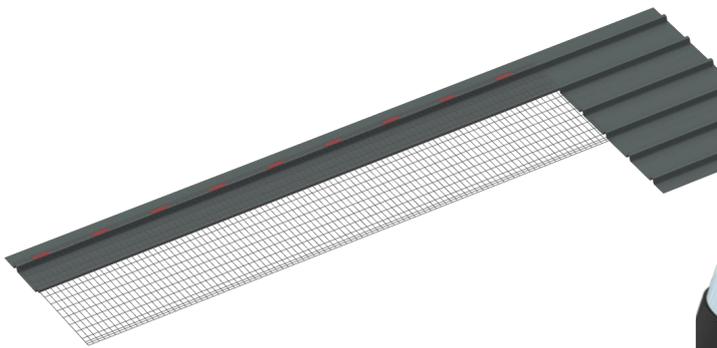
Possibility of joining several nets together using HORCONNECT sewing rope to cover larger areas. Fastener spacing optimised to 2,5 m to ensure product safety and rapid installation.



OVERNET

PERMANENT FALL PROTECTION SYSTEM FOR INDUSTRIAL ROOFING

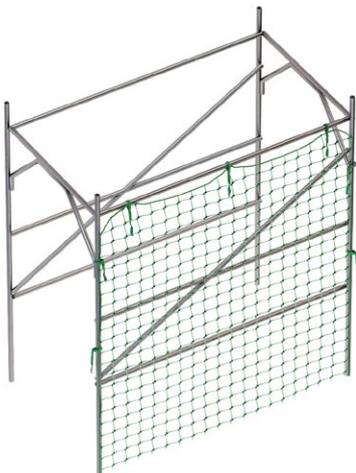
Supplied in 25-m rolls, it is easily installed outdoors on trapezoidal metal sheet or trapezoidal sandwich panels. Complete system composed of: fall protection net, fastening plates, EPDM gaskets and rivets.



VERTICAL NET

VERTICAL POLYPROPYLENE FALL PROTECTION SAFETY NET

A reliable protection system for safe work at roof edges and on scaffolding.



FRAME NET

FALL PROTECTION SAFETY NET WITH FRAME

Ideal for securing the roof when there is no possibility of installing external scaffolding or perimeter protection with external fastening.



TEMPORARY RAILING BARRIERS

EDGE TEMP 1

TEMPORARY RAILING
ROOF SIDE



EDGE TEMP 2

TEMPORARY RAILING
FRONT COVER



EDGE TEMP 3

TEMPORARY RAILING
FOR HORIZONTAL EDGES



EDGE TEMP 4

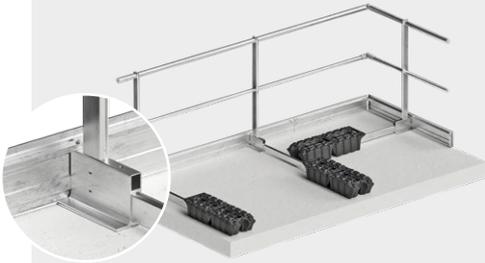
TEMPORARY UNIVERSAL
RAILING WITH STEM



ALUMINIUM PERMANENT AND TEMPORARY RAILINGS

BORDER W

SELF-SUPPORTING RAILING



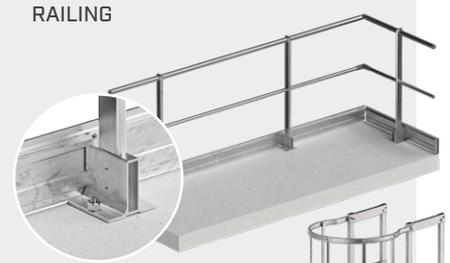
BORDER V/VD

RAILING VERTICAL AND VERTICAL
SPACED FASTENING



BORDER H

HORIZONTAL FASTENING
RAILING



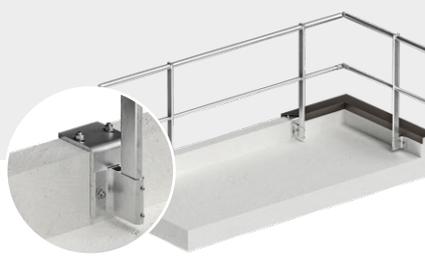
BORDER M

RAILING FASTENING ON
TRAPEZOIDAL METAL ROOF



BORDER Z

A Z FASTENING RAILING



LADDER HOOKS

HANG TEMP

MOBILE LADDER
HOOK



HANG ROOF

LADDER HOOK
FOR PITCHED ROOFS



LADDERS

STEP UP

CAGED LADDERS



PERSONAL PROTECTIVE EQUIPMENT

HERO

Lightweight, with a sporty design, featuring wheel ratchet size adjustment. Ventilation ensures comfort even on the hottest days. Available in various colours and customisable with your logo.



HARNESSES

Semiprofessional and professional harnesses for fall protection, positioning and rope access work. Comfortable and certified, they are indispensable for working at height.



ROPES AND CONNECTORS

Abrasion-resistant work ropes featuring excellent handling, compatible with connectors available in a wide range of shapes, sizes and breaking strengths.

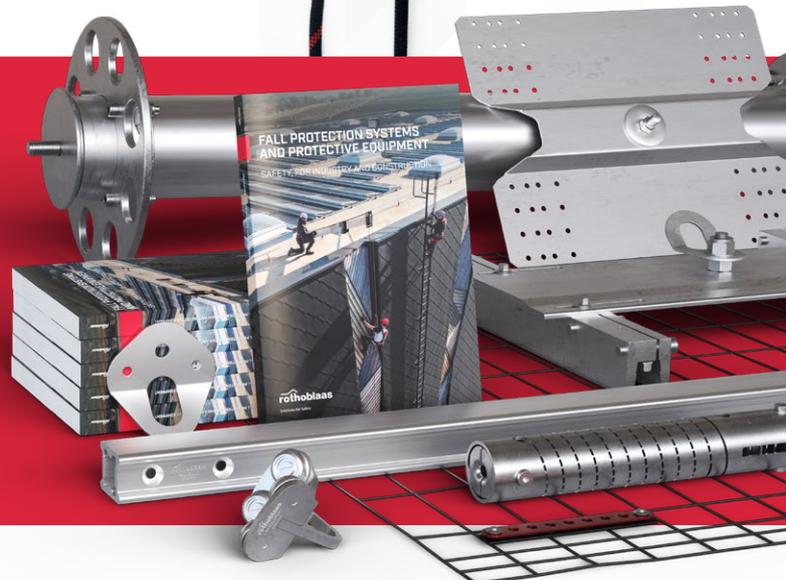


WHEN YOU WORK AT HEIGHT WORK SAFELY

The new **FALL PROTECTION SYSTEMS AND PROTECTIVE EQUIPMENT** catalogue is the comprehensive guide for working at height in complete safety, in the construction and industrial sectors. Advanced technologies, maximum protection and regulatory compliance – all in the one resource.

Download it now!

rothoblaas.com



rothoschool



"Safety Learning": training courses for fall-protection system installers, available both in person and online.

ROTHOSCHOOL ON TOUR

We bring "Safety" training directly to local areas, with hands-on sessions for industry professionals.

DISCOVER OUR OFFERING

➔ www.rothoblaas.com/rothoschool



BLOG

What we learn from field experience is clear: technique matters, but only if you know how to put it into practice.

Here you will find technical articles, practical applications, and case studies.



TECHNICAL ASSISTANCE

Get maximum efficiency and performance from Rothoblaas solutions: a team of highly qualified technical consultants is always at the disposal of designers, technicians and installers.

INSTALLATION VIDEO



Dedicated support for engineers, technicians and installers on the positioning and correct choice of fastening systems.



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