

**ALTA
SAFETY**

**FALL
PROTECTION
SYSTEMS**



CHOOSE A PERMANENT SOLUTION FOR **HASSLE FREE** ACCESS TO YOUR ROOF.

masterspec

Masterspec is New Zealand's market leader in providing specification systems and supporting software for the construction industry.

Visit masterspec.co.nz



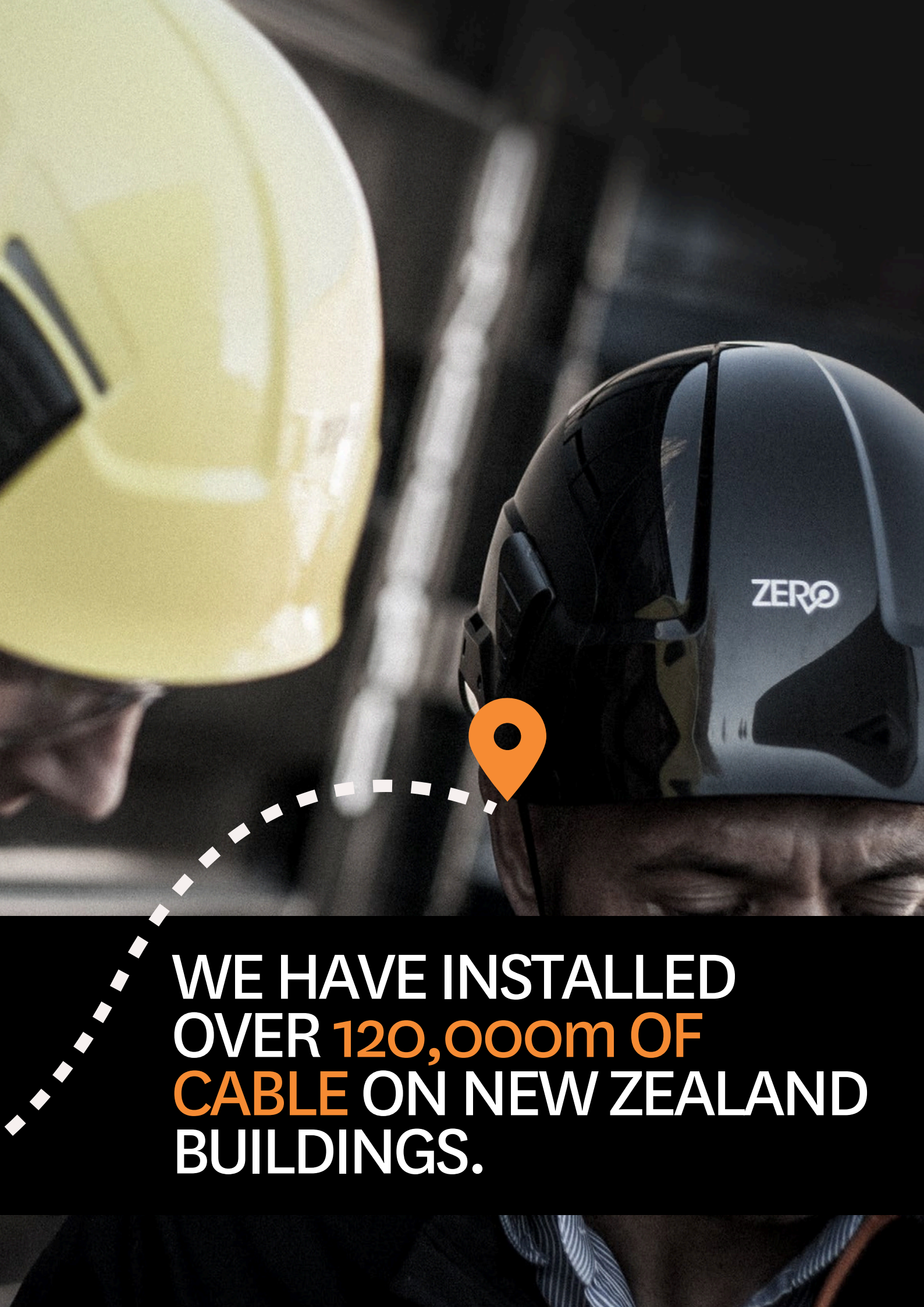


WE ARE... NEW ZEALAND'S PREFERRED SUPPLIER OF HEIGHT SAFETY SYSTEMS.

Alta Safety will design and install a fully compliant & easily operated system that has the least impact on your roof profile.

We work with the country's prominent architectural firms and construction companies because we are the most trusted.





WE HAVE INSTALLED
OVER **120,000m OF**
CABLE ON NEW ZEALAND
BUILDINGS.



roofsafe  **cable**

HORIZONTAL PERMANENT CABLE SYSTEM

3M RoofSafe™ Cable is a low profile, modular, cost-competitive and safe solution for continuous fall protection. Enhanced by predictive modelling, engineering and industrial design, the result is a blend of functionality and elegance.







HORIZONTAL PERMANENT CABLE SYSTEM

COMBINING SIMPLICITY WITH STYLE

3M RoofSafe™ Cable is a low profile, modular, cost-competitive and safe solution for continuous fall protection. Enhanced by predictive modelling, engineering and industrial design, the result is a blend of functionality and elegance.

CONTINUOUS HANDS FREE ACCESS

From the leader in fall protection equipment the 3M RoofSafe™ Anchor and Cable is a horizontal lifeline system that allows continuous uninterrupted access to help you control your environment so you can focus on the job at hand.

Users simply attach to the cable system with a UniGrab traveller connected to an energy absorbing lanyard or adjustable rope line. Once connected, Multiple people can access the system at any given time and travel freely across intermediate posts without having to disconnect.

The systems can be used in a restraint technique or fall arrest. The in-line energy absorbers reduce load transfer to the structure in the event of a fall.

UNIGRAB
TRAVELLER

INTERMEDIATE
POST

CORNER &
POST

MULTIPLE
PERSON

COMBINING

SIMPLICITY WITH STYLE

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CONTINUOUS

HANDS FREE ACCESS

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UNIGRAB TRAVELLER

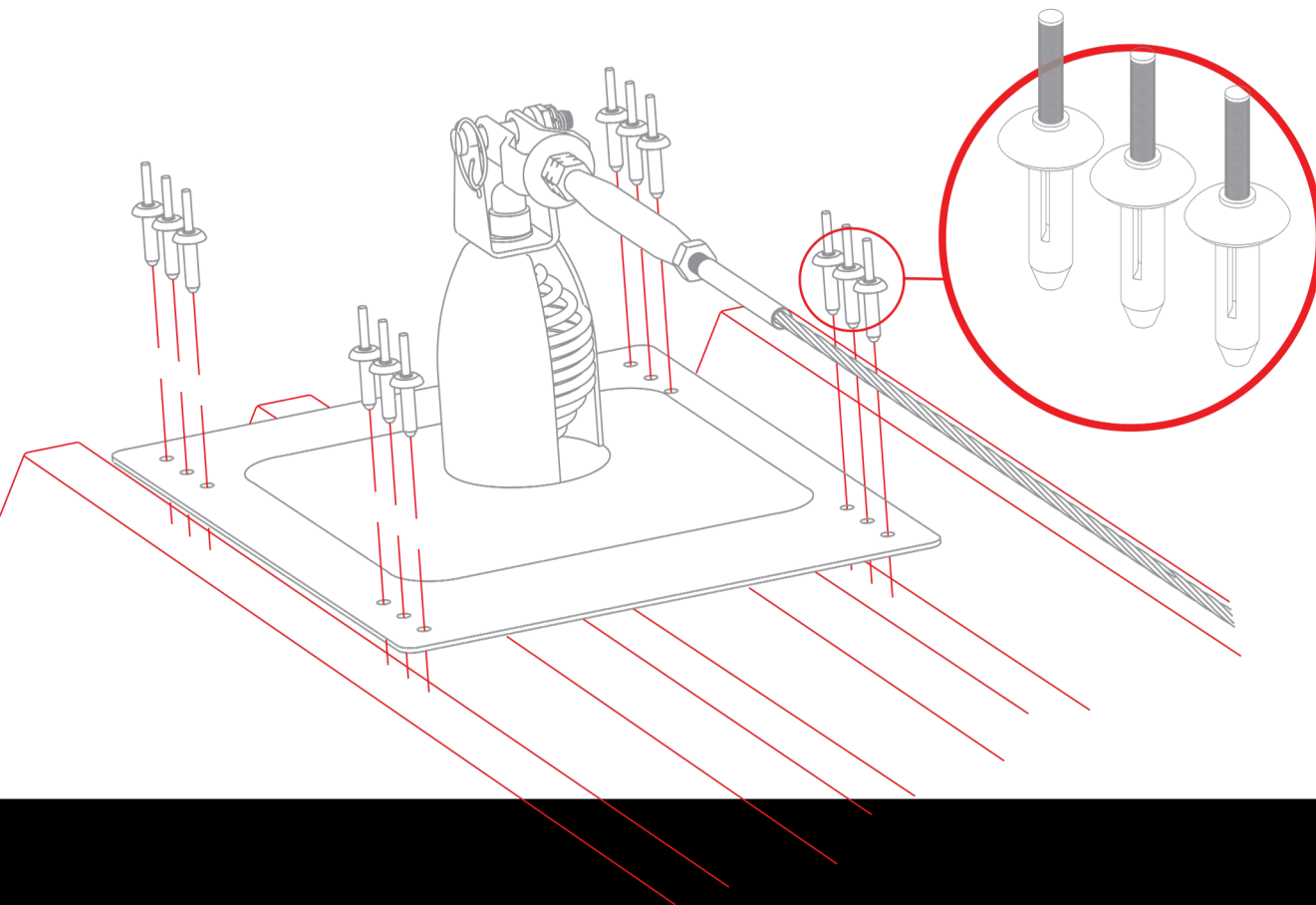
INTERMEDIATE POST

CORNER & POST

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MULTIPLE PERSON



DESIGNED TO FIT ANY BUILDING PROFILES

With multiple fixing options, 3M cable systems can be side mounted to a wall or surface mounted to roof profiles including iron, warm and membrane roofs.

Variable cable supports and corner supports ensure workers have uncompromising access for all aspects of roof inspection and maintenance. Components, including the 8mm wire rope, are made from quality 316 stainless steel. All fabricated parts are further enhanced by electropolishing to provide strong resistance to corrosion and long service life for the roof fall protection system.

**electro
polished**

components provide
long-term corrosion
resistance

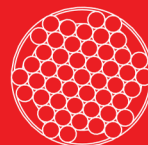
**marine
grade alloy**
for reduced overall weight

**in-line energy
absorbers**

protect buildings and
structures

**flexible angle
change fixtures**

maximum flexibility in roof fall
protection



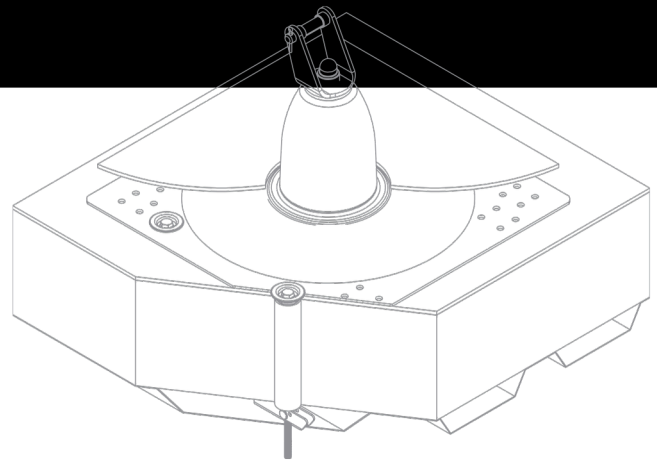
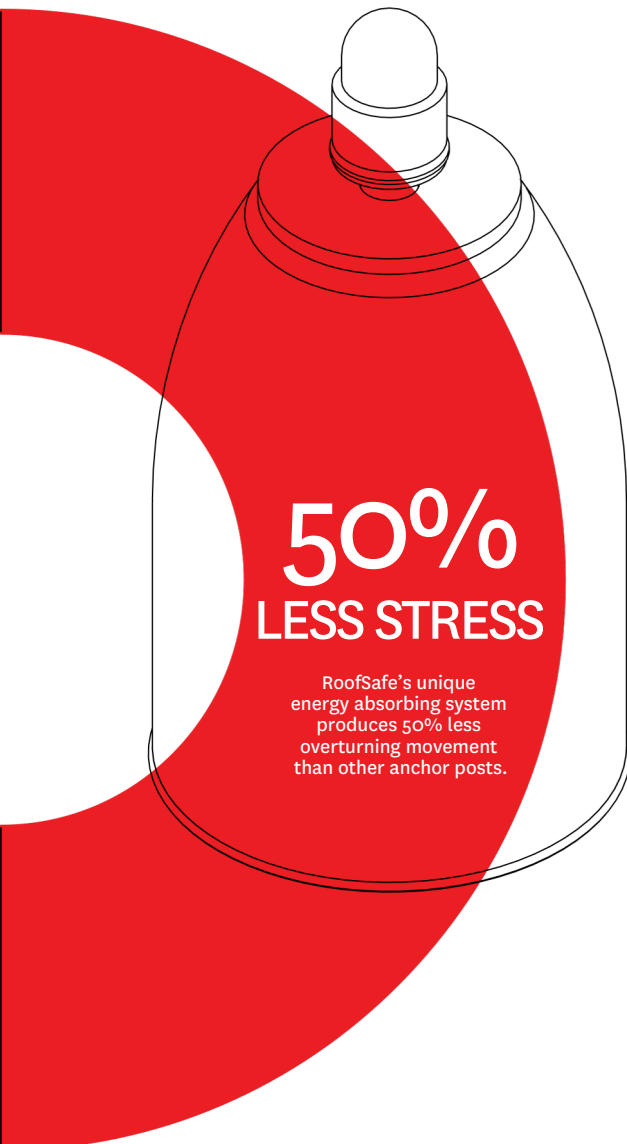
**HIGH QUALITY 316 8mm
STAINLESS STEEL CABLE**

SURFACE MOUNTED

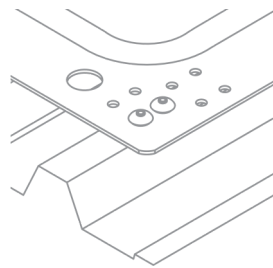
FOR MAXIMUM WATER RESISTANCE

Minimum roof penetration equals maximum water resistance. Mounted directly to the surface of your roof profile with as little as eight watertight rivets per baseplate.

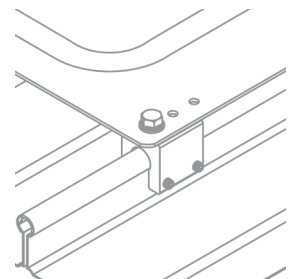
Unlike other fall arrest systems, RoofSafe™ baseplates are never fixed to the roof pan making it New Zealand building code compliant.



TOGGLE FIXING



RIVET MOUNTED



MAXI CLAMP

Roofs are changing to accommodate more insulation materials and being designed to utilise lighter materials and take advantage of new technologies. The advanced design of the RoofSafe™ Anchor allows customers to benefit from modern roofing design whilst ensuring safety and structural integrity.

READY TO SPRING INTO ACTION WHEN YOU NEED IT MOST

Modular, lightweight design provides safe, cost-effective flexibility in system design including accommodating roof refurbishment and green roof projects.

In the event of a fall, the anchor breaks open, deploying the unique and patented Force Management Technology absorbing system which reduces the forces generated on the roof structure to less than 610 kg. (6kN), the lowest of any of its kind on the market. This enables the anchor to be installed on a wide variety of old and new roof types without risk to structural integrity.

In the unlikely event that the anchor is deployed, it is possible to remove the module and replace it with a new one. This is also an advantage with the ever changing building regulations, with the need for increased depth of roof insulation.



 **SpiraTech**™
Force Management Technology





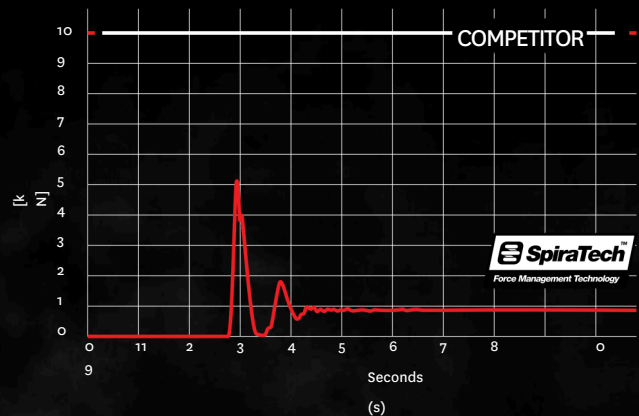
Force Management Technology

THE LOWEST SHOCK FORCE OF ITS KIND

Spiratech™ Force Management technology
Provides the lowest distribution load to the roof
system when compared to the competition.

In the event of a fall, the RoofSafe™ Anchor breaks open, deploying the unique and patented SpiraTech™ Force Management Technology absorbing system, which reduces the forces generated on the roof structure to less than 5kN, the lowest of any of its kind on the market. This enables the anchor to be installed on a wide variety of old and new roof types without risk to structural integrity.

FORCE INDICATOR: SPIROTECH vs COMPETITION

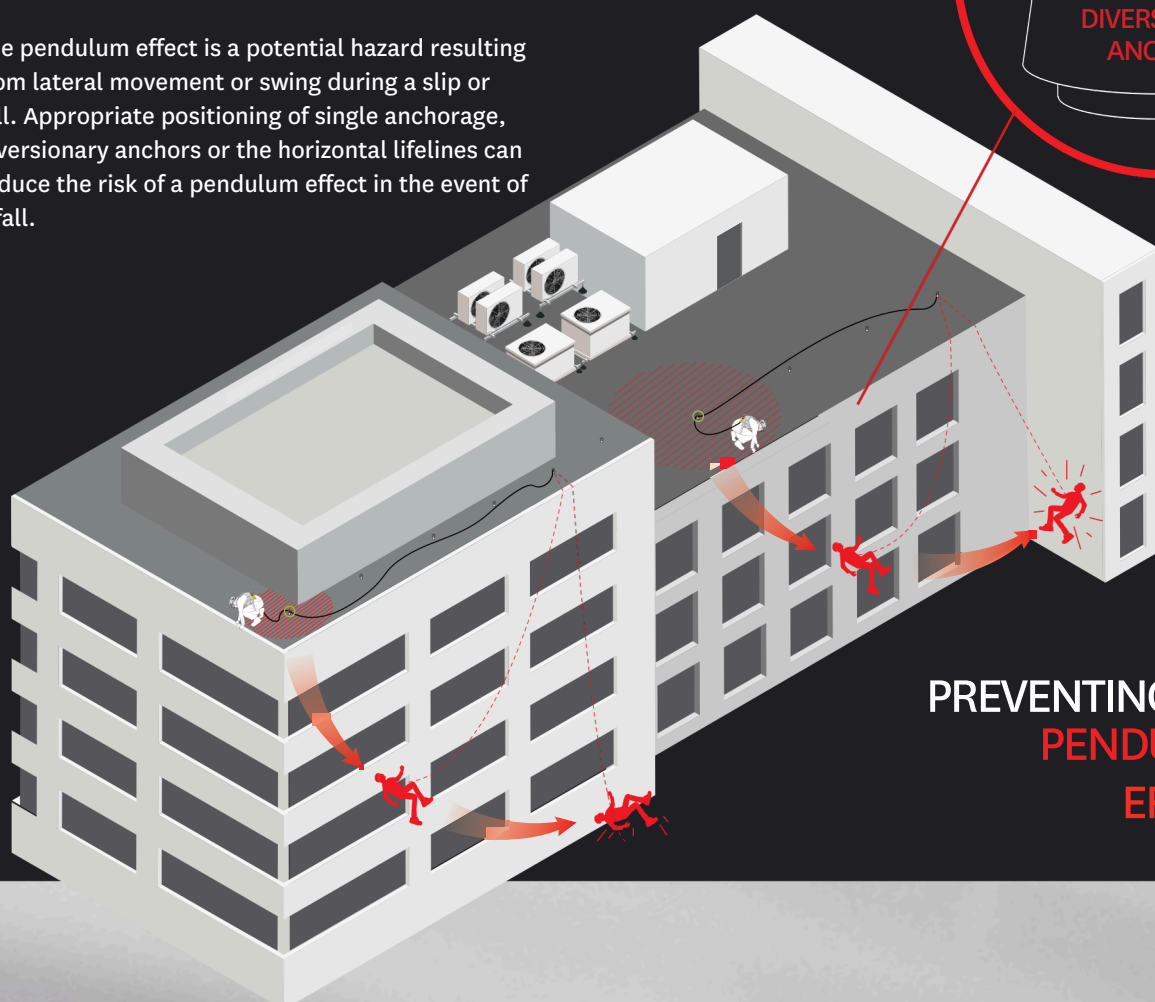




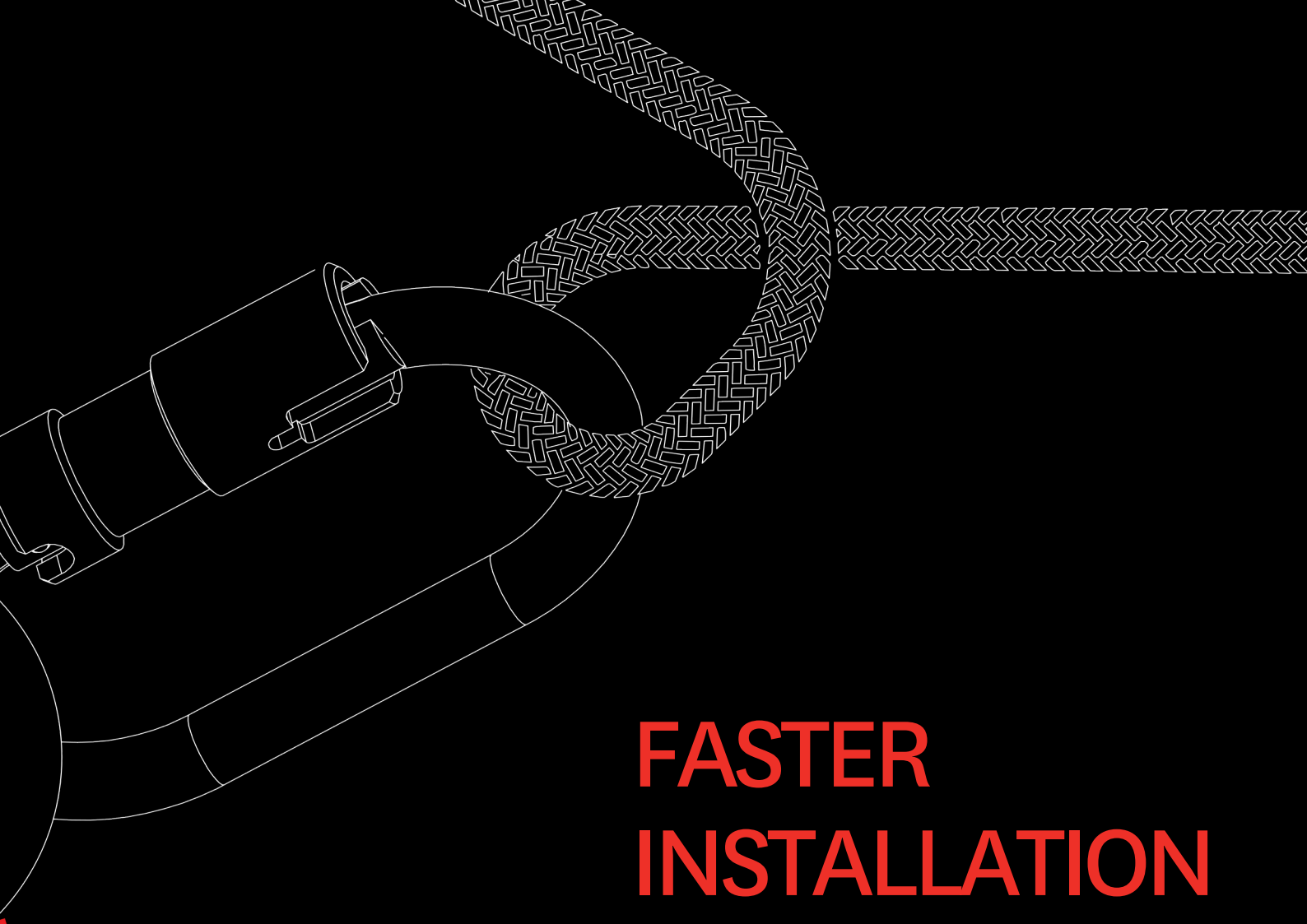
SAFETY IN DESIGN

When a full perimeter cable system is not practicable diversionary anchors provide continuous travel restraint protection and reduce the risk of a pendulum effect in a fall.

The pendulum effect is a potential hazard resulting from lateral movement or swing during a slip or fall. Appropriate positioning of single anchorage, diversionary anchors or the horizontal lifelines can reduce the risk of a pendulum effect in the event of a fall.



PREVENTING THE
PENDULUM
EFFECT



LESS TRAINING & EXPERIENCE REQUIRED

Conforms TO AS/NZS standards Includes AS/NZS 5532:2013 and has been tested to both EN795 Class A and C, OSHA, ANSI and Standards.

FASTER INSTALLATION WITH MINIMAL IMPACT TO YOUR ROOF

RoofSafe™ cable is the ideal fall arrest system for new and existing building due to its reduced load rating to the roof structure.

Multiple fastener options reduce the complexity of the specification making installation a breeze. As there is no structural penetration, there is no requirement for engineering compliance.

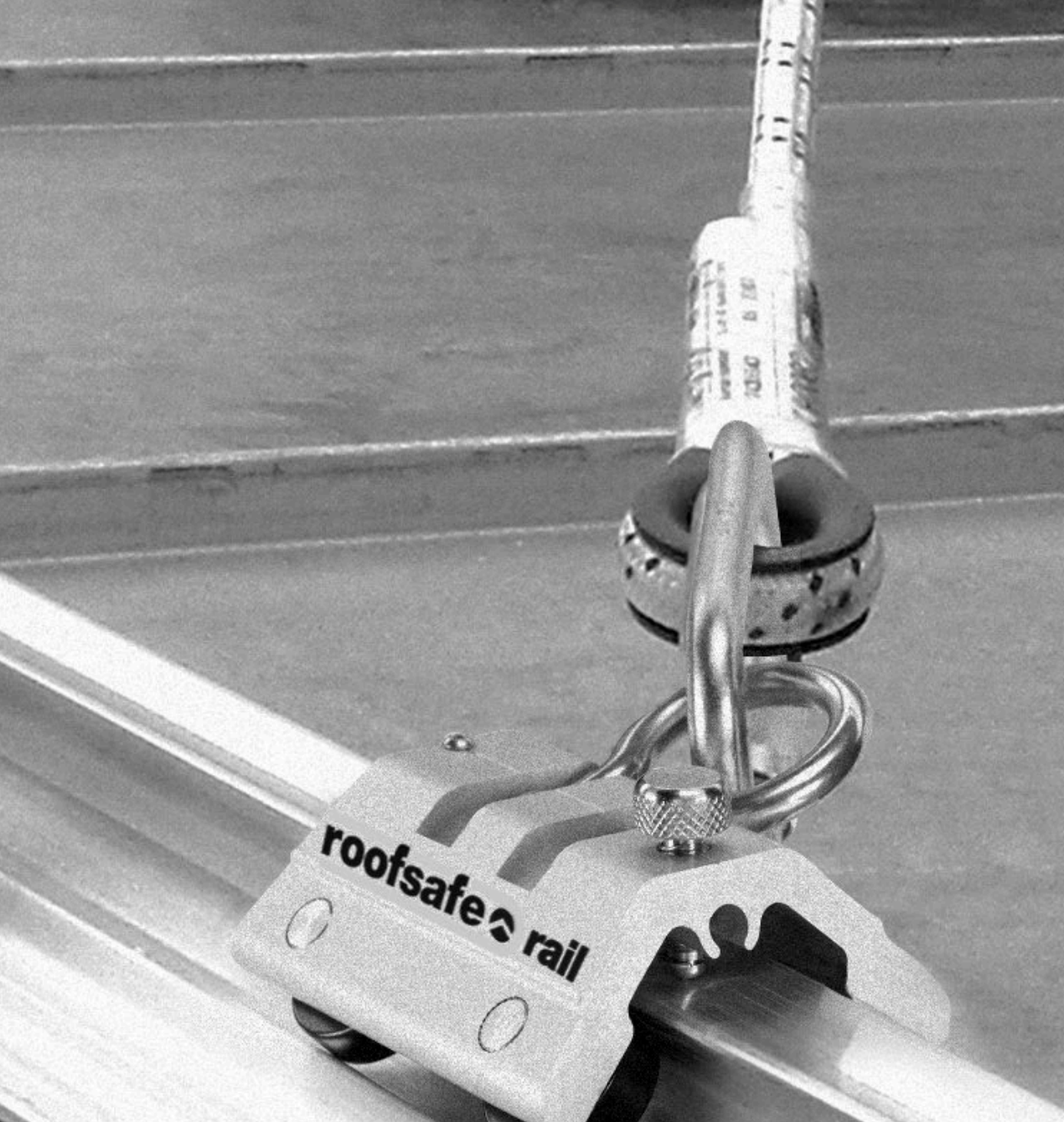
RoofSafe™ cable requires less training and experience compared to single anchor points making it one of the safest systems to use.

A close-up photograph of a horizontal aluminum rail system. The rail is made of polished aluminum and has a series of textured, knurled sections for grip. The background is a light-colored, slightly textured surface.

HORIZONTAL PERMANENT RAIL SYSTEM

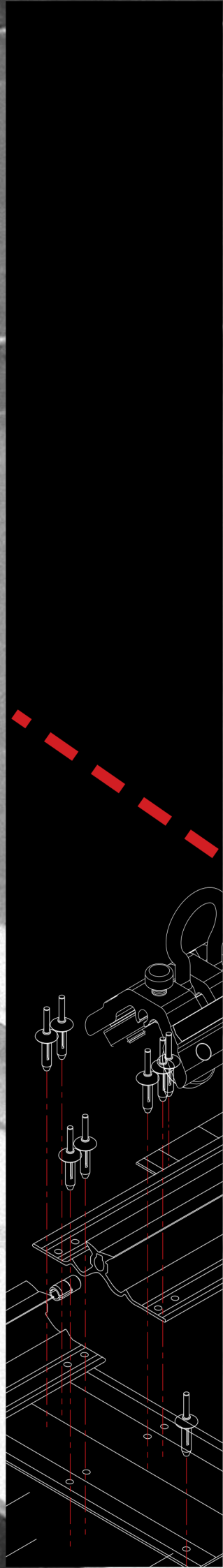
RoofSafe™ Rail System is a high quality, aluminum rail safety system best suited for modern building projects and maintenance. The system offers exceptional functionality due to the innovative, hands free traveler. RoofSafe™ Rail is capable of navigating corners and changes of direction to provide complete design flexibility.





GREAT AESTHETICS. UNCOMPROMISING SAFETY.

The only direct-to-roof rail system that can facilitate changes in direction and roof slopes.

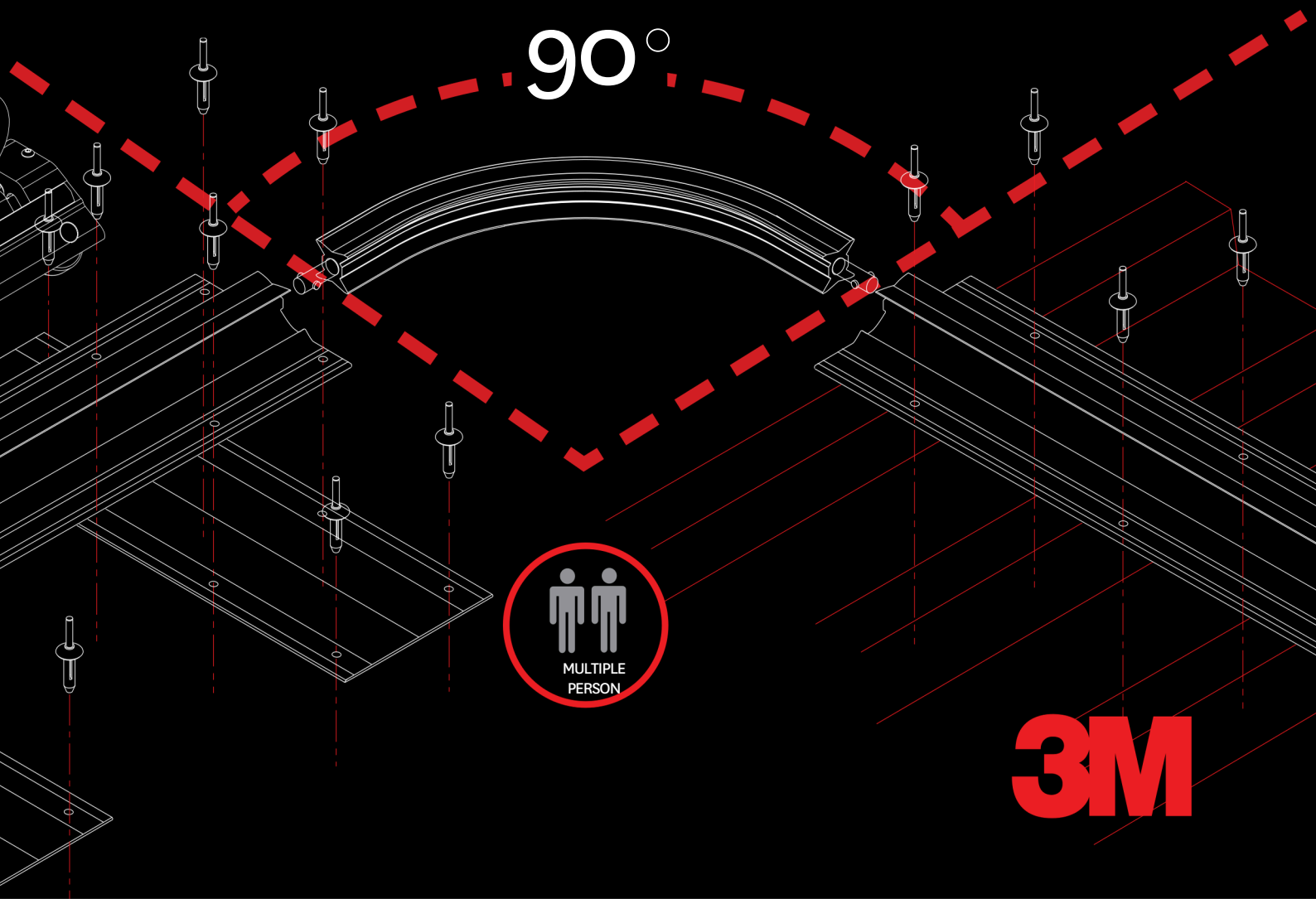


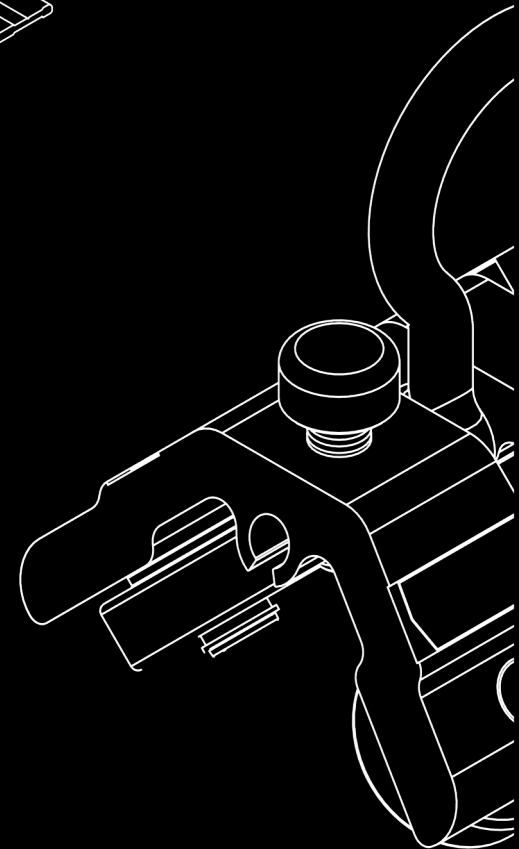
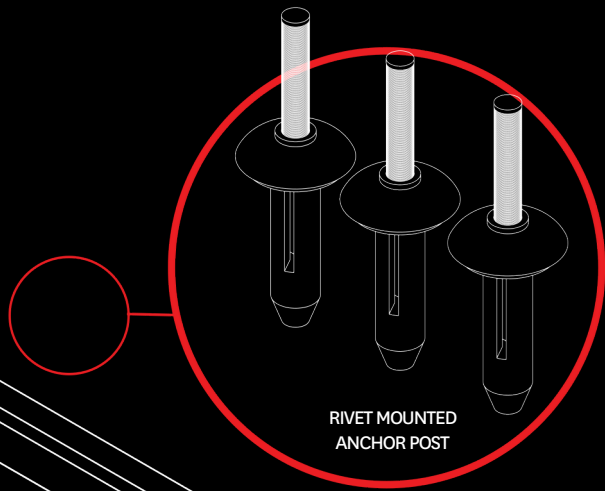
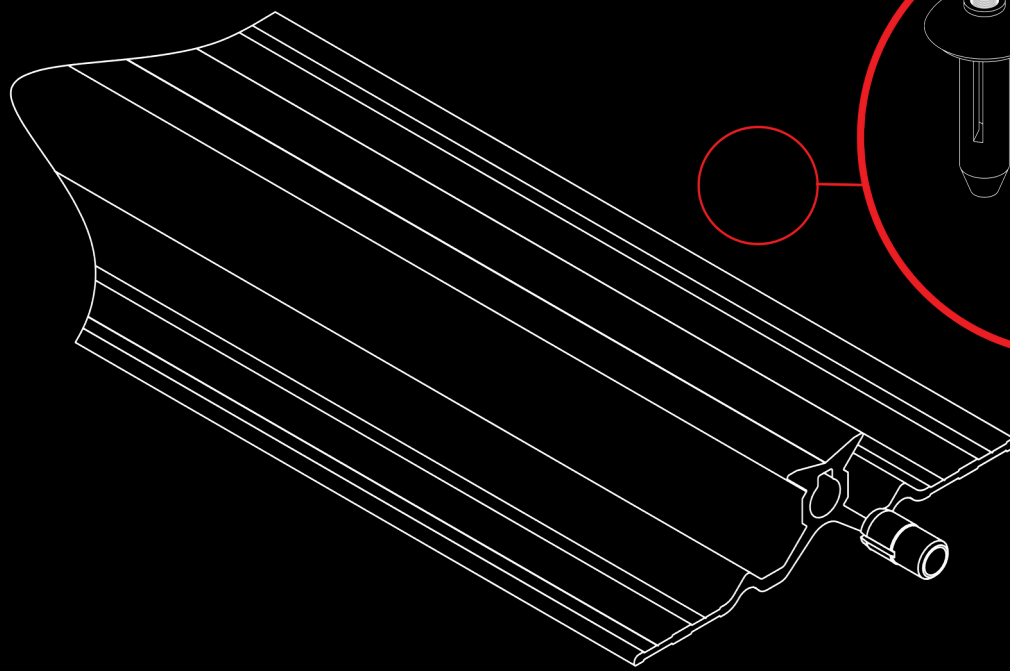
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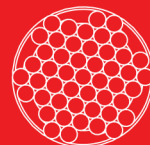




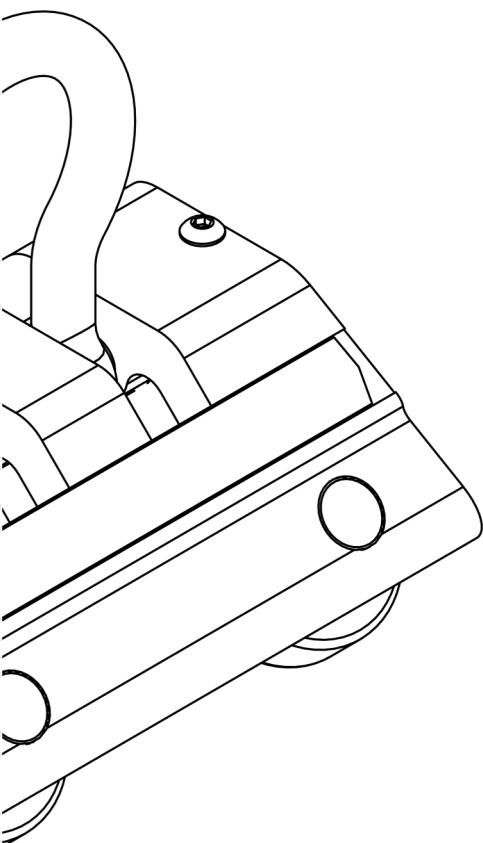
DESIGNED TO FIT ANY BUILDING PROFILES

The one piece base plate's unique profile facilitates ease of installation and directs water away from fixing points. Each length is joined with a spigot pin to provide additional strength and to help with alignment. Standard lengths is 3 meters.

Low-profile and discrete design provide an unobtrusive safety anchorage solution for aesthetic appeal. Versatile across built-up and composite metal pitched roof systems and a variety of standing seam roof systems. Versatile across built-up and composite metal pitched roof systems and a variety of standing seam roof systems.



HIGH QUALITY 316
8mm STAINLESS
STEEL CABLE



SURFACE MOUNTED FOR MAXIMUM WATER RESISTANCE

Minimum roof penetration equals maximum water resistance. The RoofSafe™ cable systems mounts directly to the surface of your roof profile with as little as eight watertight rivets per baseplate. Unlike other fall arrest systems, RoofSafe™ baseplates are never fixed to the roof pan making it New Zealand building code compliant.

Roofs are changing to accommodate more insulation materials and being designed to utilise lighter materials and take advantage of new technologies. The advanced design of the RoofSafe™ Anchor allows customers to benefit from modern roofing design whilst ensuring safety and structural integrity.

All components are made from 6000 series aluminum alloy and can be anodised or powder-coated to provide additional resistance to environmental conditions or to enhance the product's aesthetic appeal. All stainless steel parts are manufactured from grade 316 or higher for good corrosion resistance.

- Lightweight, modular rail safety system for use on metal and concrete.
- Low profile, discrete design provides a discreet safety solution with aesthetic appeal.
- System provides an innovative, four-wheel traveler to provide ease of use and operation along the rail.

READY TO SPRING INTO ACTION WHEN YOU NEED IT MOST

Modular, lightweight design provides safe, cost-effective flexibility in system design including accommodating roof refurbishment and green roof projects.

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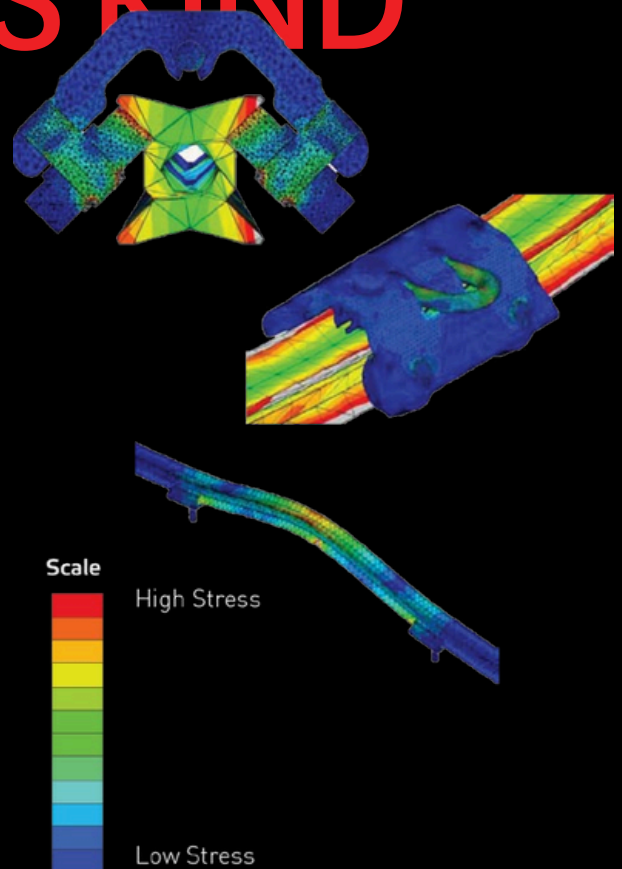


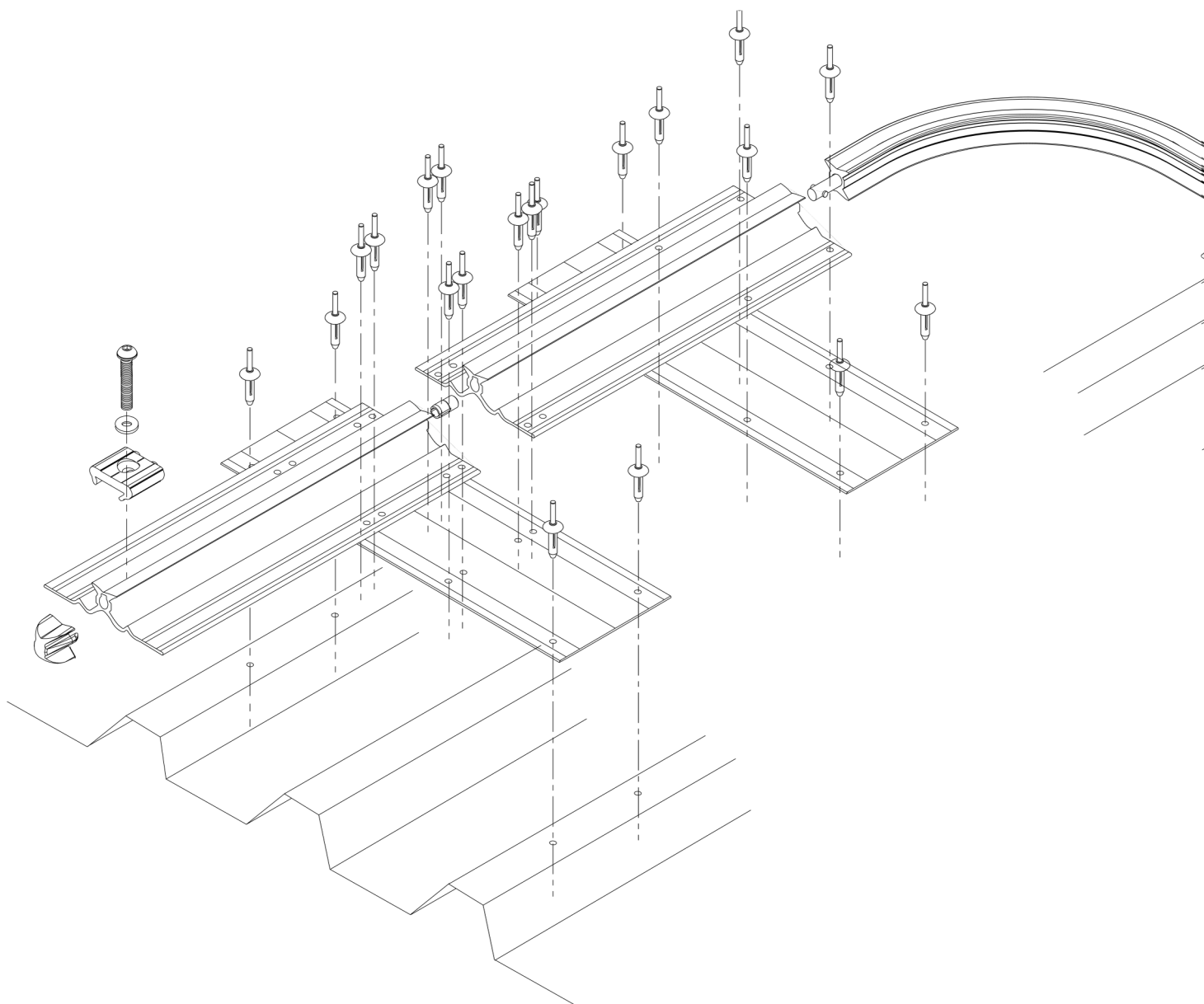
Force Management Technology

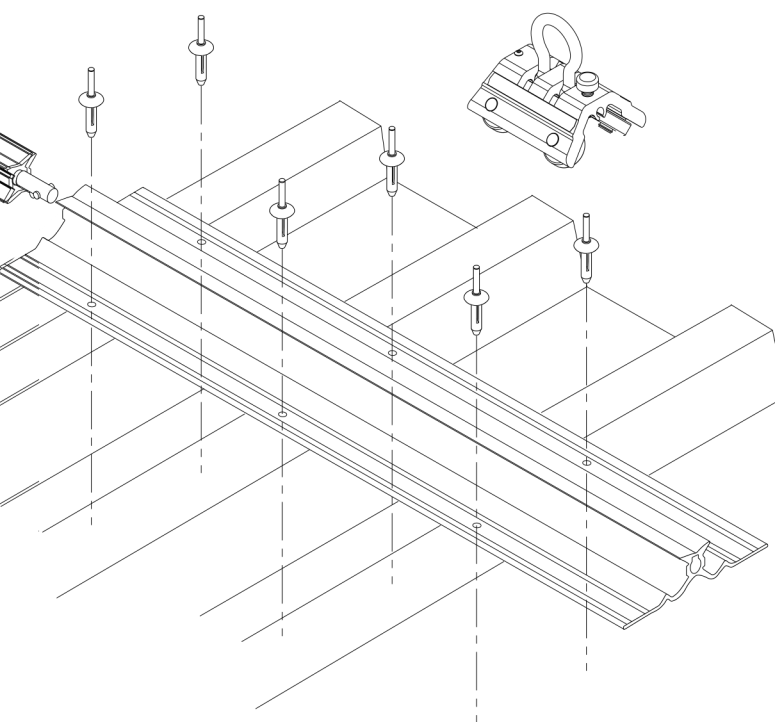
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ALTA SAFETY PROVIDE A COMPLETE SOLUTION FROM DESIGN TO CERTIFICATION

We consult on all aspects of fall protection directly with architects, engineers & building owners to develop an ideal solution based on the roof profile & access points.

We carry out site audit inspections in accordance with the manufacturer's instructions, AS/NZS 1891.4:2009 standards, NZQA 15757 & 23229 qualifications and WorkSafe requirements for working at height and rope access.

Our in-house team will provide a detailed plan of your system including CAD drawings of any fixing detail. We will deliver a detailed quote, including a comprehensive service level agreement including all engineering compliance.

We have an installation team in your area ready to install your system with a dedicated project manager to ensure the installation is completed to schedule.

Our certification team will ensure your system meets all requirement and provide annual recertification. We provide on-site system training and Operation and Maintenance Pack.

DESIGN

PROPOSAL

COMPLIANCE

PROJECT MANAGEMENT

INSTALLATION

TRAINING

CERTIFICATION

We will supply a comprehensive design specification including marked roof and / or structure plans.

We will deliver a detailed proposal, including a comprehensive service level agreement.

We manage all CPEng engineering compliance including PS1, 2, 3 & 4 to ensure structure will withstand imposed loading.

A project manager will look after the daily running of the project and ensure the installation is completed to schedule.

Our manufacturer accredited installation teams are based throughout New Zealand.

We provide on-site system familiarisation and Operation & Maintenance Packs. All systems are completed with PPE.

Our Quality Assurance (QA) team will ensure your system meets all compliance requirements and provide annual recertification which is tracked through our asset management system.

**BECOMING
THE COUNTRY'S
LEADING
HEIGHT SAFETY
SPECIALISTS
HAS BEEN NO
ACCIDENT.**



masterspec partner

**+IMPAC
PREQUAL**



ALTA SAFETY LIMITED

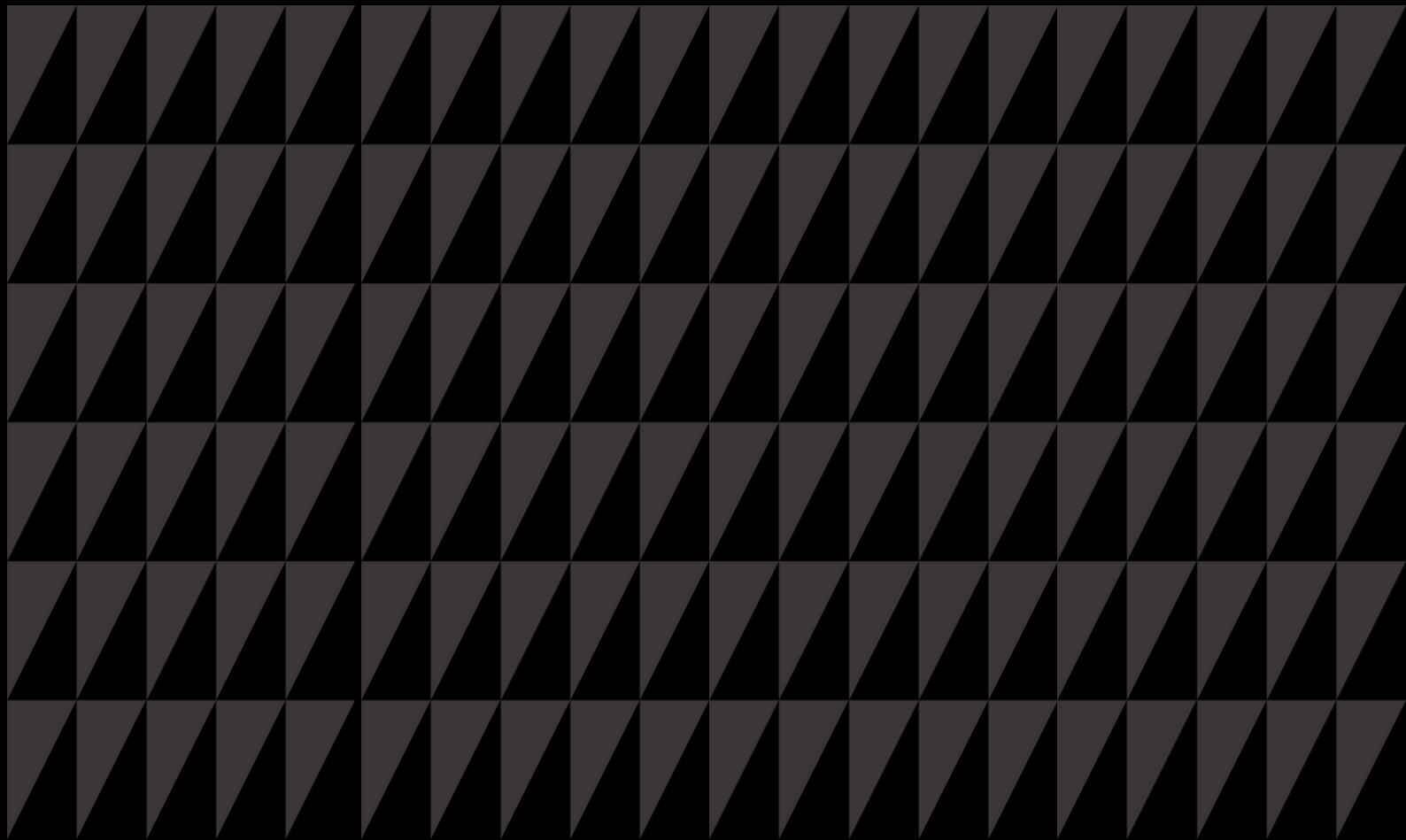
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