

# MSA Latchways® Roofing Solutions

Unique Safety Solutions for Those Working on the Edge



Committed to bringing you the best in quality, versatility and satisfaction, MSA continues to work closely with major roofing manufacturers to provide a full range of fall protection systems for all styles and types of roofs. With more than 20 years of experience and a focus upon design and consulting, MSA combines the sciences of fall protection with thermal and moisture protection to be a global leader in fall protection for the roofing industry.



We offer numerous products and solutions for all of your applications

- Engineered horizontal lifelines
- Aesthetic and creative guardrail solutions
- Innovative and safe walking paths
- Non-roof-penetrating solutions
- Compatibility with numerous roofing systems and manufacturers



*Because every life has a **purpose...***

# Constant Force® Post Technology

We've used the science of Constant Force and applied it to the fall protection industry to provide easy-to-install, reliable and cost-effective rooftop safety solutions.

With more than 70 configurations for 450 roofing systems worldwide, our Constant Force Post technology offers:

- **Compatibility**—works with virtually all roofing systems.
- **TPO/FPO**—coated base allows membrane to heat-weld beautifully.
- **PVC**—coated base is specific for polyvinyl chloride adhesion.
- **EPDM**—coated base provides full adhesion and watertight seal.
- **Modified Bitumen**—designed to attach to deck and is watertight.
- **Builtup Roofs**—watertight seal without using pitch pans.
- **Standing Seam Metal**—bases attach to seams using S-5! clamps.
- **R-Panel Metal**—Bases attach to peaks with either stitching screws on steel or bulb tite rivets on metal panels.
- **Versatility**—works with multiple deck conditions, aluminum, concrete, wood.
- **Adaptability**—to various tapered insulation thicknesses.
- **Flexibility**—CFPs can be located virtually anywhere on roof (great for retrofit).

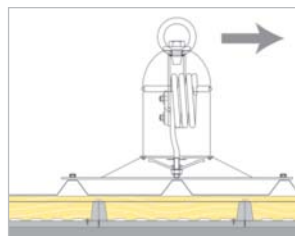
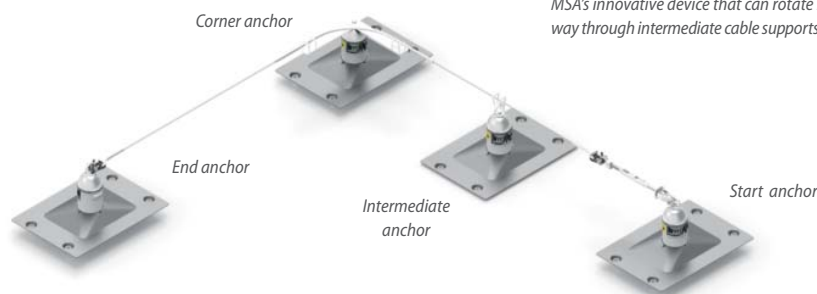
## Constant Force Post Components

Recognizing the importance of installing a fully compliant solution for all major roof constructions, MSA consulted with manufacturers across the globe to create a brilliantly compatible anchor: the Latchways Constant Force Post. With a wide range of components, Constant Force Post technology can be designed to fit nearly any roof configuration.

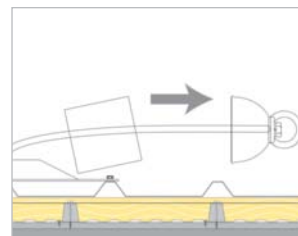


### Latchways Transfastener™

The user, wearing a full-body harness and energy-absorbing lanyard, is continuously attached to the system with a Transfastener, MSA's innovative device that can rotate its way through intermediate cable supports.

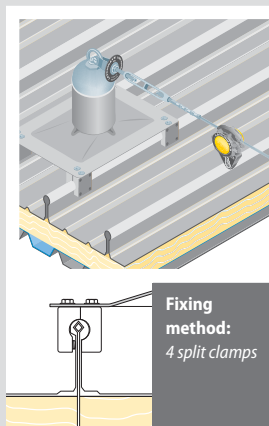


Forces applied

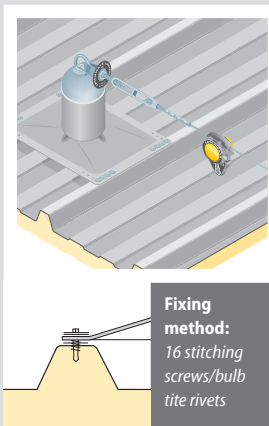


Topples and absorbs energy

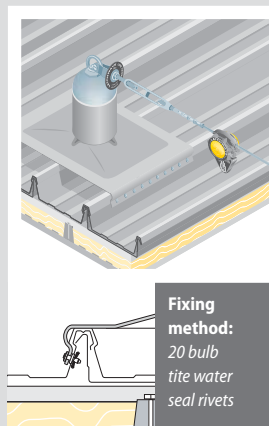
### Standing-Seam Roofing



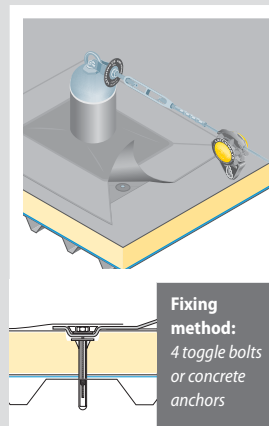
### Corrugated Metal Decking



### Secret-Fix Roofing



### Flat Roofing



# Latchways VersiRail® & WalkSafe® Technologies

Appearances can be deceiving. Even within the simplest environments, workers at heights are subject to falls. This *passive* protection, once properly installed, doesn't require worker action to be taken. But no matter the passive scenario, there is still an active need to protect every worker from fall hazards.

Bring flexibility and customization together to fit all of your needs and applications.

## VersiRail Guardrail Systems

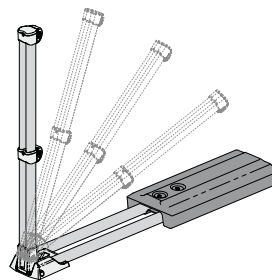
- VersiRail Guardrail is visually appealing versus traditional industrial rail
- Available in multiple powder-coated colors or polished aluminum
- Aluminum is 30% lighter than steel
- Multiple heights and configurations available
- Various attachment brackets and solutions available

## WalkSafe Walkway Systems

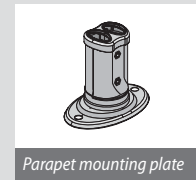
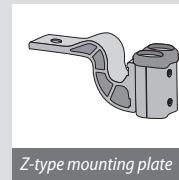
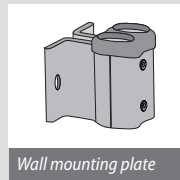
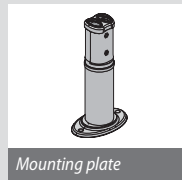
- WalkSafe System provides an efficient and safe clear walking path
- Skid-resistance, recycled PVC, UV tested, great for green roofs
- Fixed to multiple roof systems to prevent wind upload
- Can be converted to stair systems, work platforms, skylight covers, fall proof covers
- Walk path can be used with multiple systems (rails and HLLs)

## Latchways VersiRail Guardrail Systems: Freestanding Folding

When collective protection is not used, folding uprights of this variation lie flat and are concealed when viewed from ground level, combining safety with architectural aesthetics. Available in straight, curved or inclined styles.



## Fixed Mounting Options

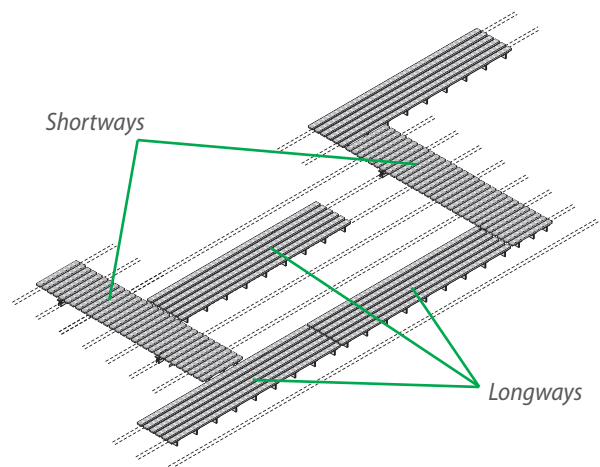


## Latchways WalkSafe Walkway Systems

Whatever your structure, needs and preferences, Latchways is the optimal fall protection partner, allowing you to personalize your safety system with different fixing methods, configurations and more.

The orientation of the WalkSafe planks within a system is described as either shortways (running across the roofing profile) or longways (running with the roofing profile).

The system can be configured in four ways to cover corners and change of direction: as a T-section, longways to shortways or vice versa; or as a corner section either to shortways "end" or longways "side."







## Target Focus upon Specification

MSA understands that if specific products are not required, contractors will not include those products into project considerations.

### We offer:

- Specific focus concerning architects and roof consultants.
- Design and spec service.
- In-person consultation.
- Standard specification using Word format.
- BIM portfolio and resources (Revit).
- AIA-accredited CEU presentation.
- Consultation with roofing manufacturers for approval letters (maintaining warranties).
- Attendance and participation in design industry conferences.



Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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