

Note: Details in red to be input by specifier

PERMANENT ACCESS AND SAFETY EQUIPMENT

### 1. General

To be MSA Latchways Constant Force® post system as manufactured by MSA Safety, Hopton Park, Devizes, Wiltshire, SN10 2JP, United Kingdom. Tel: +44 (0)1380 732700 Fax: +44 (0)1380 732772. E-mail: [fallprotection@msasafety.com](mailto:fallprotection@msasafety.com) Web: [www.MSAsafety.com](http://www.MSAsafety.com) to ISO 9001:2008 and ISO 14001:2004. Refer to drawings for roof type and system configuration.

Location: **Insert here**

Types of System/ Equipment: Engineered Horizontal cable-based safety system utilising the MSA Latchways Constant Force Post and complimenting products

Manufacturer and reference: Latchways Plc (An MSA Safety Company), Hopton Park, Devizes, Wiltshire, SN10 2JP

- MSA Latchways Constant Force (**Input classification of system i.e. Restraint, Arrest**) System.
- MSA Latchways Constant Force Post tested to AS/NZS1891.2
- System to be CE marked and hold EC Declarations of Conformity, Where appropriate.

Anchorage device: MSA Latchways Constant Force technology, either type 1 @ 10kN or type 2 @ 6.5kN load control for roofing installed in accordance with MSA Latchways data sheets and technical literature. Weathering to be strictly in accordance with Manufacturers recommendations

- System to fully comply/exceed with AS/NZS1891.2
- Overall system length: (**Input Length**) metres. To give clear safe access for maintenance of (**Input access requirements of the engineered safety system i.e. gutter cleaning, rooflights cleaning, M&E/Solar panel cleaning etc**)
- Intermediate support spacing: max 10m - as designed by the MSA approved installer to meet the requirements of MSA's design software
- Number of Users (**input no. of users required**)
- Access to the System to be from/Via (**Input access method**)

#### PPE requirements

**XX no.** complete sets of Personal Protective Equipment PPE to be supplied with the system. Set to comprise:

- 1 no. MSA Latchways Transfastener – Part number TBC
- 1 no. MSA Latchways Personal Rescue Device (Size TBC)
- 1 no. MSA Energy absorbing lanyard (Length TBC)

## 2. Manufacturer's Documents

Manufacturer's documents relating to work in this section are available via MSA website ([www.MSAafety.com](http://www.MSAafety.com)) or upon request from [fallprotection@MSAafety.com](mailto:fallprotection@MSAafety.com)

## 3. Warranties

Products supplied under MSA's standard Conditions of Sale

## 4. General Requirements

### NO SUBSTITUTIONS

- Substitutions are not permitted to any specified system, or associated components and products.

### QUALIFICATIONS

- System to be installed in accordance with AS/NZS1891.2 by the system manufacturer or an installer approved by the system manufacturer and verified by the system manufacturer.

### SAFETY:

- The equipment as installed must have no irregularities/ projections capable of inflicting personal injury. Finished surfaces and edges of all accessible parts must be regular and smooth.

### FABRICATION AND ASSEMBLY GENERALLY:

- All fabrication is carried out in the workshop. Limited assembly and drilling of the deck is required on site. Obtain approval for any reassembly on site.
- Dissimilar metal surfaces will be isolated to prevent electrolytic corrosion.

### PROTECTION AND HANDLING:

- Protect all assembled items against damage, corrosion and disfigurement during handling, installation and subsequent site operations.
- Do not deliver to site any components or assemblies that cannot be installed immediately or unloaded into a suitable well protected storage area.

### SUITABILITY OF STRUCTURE/FABRIC:

- Before commencing installation carry out a visual and geometrical survey of the supporting building structure and fabric.

### FIXINGS, INSERTS AND BOLTS

All mechanical fixings for the Latxhways for Polymeric Single Ply Membrane Roofing system are supplied by MSA Safety.

### FIXINGS FOR SECURING EQUIPMENT

Must be capable of adequate three-dimensional adjustment to accommodate building structure/fabric irregularities.

#### FIXING ANCHOR INSTALLATION

- Site drill or cut into structure/fabric only in approved locations as per Latchways guidelines.
- Distance between all fixing devices and edges of supporting material to be not less than recommended by MSA Safety

#### IDENTIFICATION AND REGISTRATION LABEL(S) FOR GUIDED FALL ARREST SYSTEM

- Provide and fix to each system a permanent label giving:
  - MSA Safety name, address and telephone number
  - Name and/or reference code of site and system
  - Serial number and year of manufacture
  - Maximum number of users to be attached at any time
  - Date of installation / last inspection
  - PPE requirements
  - Whether the system is an arrest or restraint system
  - Label(s) to be located in positions such that they can be easily read.

#### MARKING OF ANCHOR DEVICES:

- Provide on or near each anchor device a label or other clear marking giving:
  - MSA Safety name and telephone number
  - Serial number and year of manufacture of device
  - Maximum number of personnel that may be attached to the device at any one time
  - Requirements for energy absorbers, ground clearance, etc.
  - Where an anchor device is intended solely for use with personal protective equipment, this restriction must be indicated by pictogram or other suitable marking on or near the device.

#### OPERATING INSTRUCTIONS:

- One complete set of MSA's Latchways User instructions to be supplied with the system.

#### OPERATING AND MAINTENANCE MANUAL:

- Before practical completion provide for inclusion in the Building Manual printed instructions and recommended procedures to be established by the Employer for operating and routinely maintaining the equipment. Provide diagrams where appropriate.
- The information must include:
  - o Instructions for assembling/erecting equipment for use
  - o Comprehensive operating instructions, including safety and emergency procedures, for all motion including upward, downward and lateral travel, and slew
  - o Servicing and planned maintenance procedures, including assembly instructions where maintenance necessitates dismantling of machinery parts
  - o List of replacement parts, with references
  - o Recommended procedures for testing equipment.

## CERTIFICATION

On completion of the installation, system to be inspected and fully tested and a test certificate covering period of 12 months to be issued. Notice showing date and period of validity of the test certificate to be attached to the system at each access point

## ACCESSORIES

All to be supplied in a suitable PPE storage holdall

- Structural anchors: Type recommended by the system manufacturer to suit the structure/fabric into which they will be fixed.

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