



## **Total Access & Safety Systems**

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# **Latchways ManSafe Height Safety Systems Specification**

## **Description:**

Latchways ManSafe Horizontal, Inclined and Vertical lifeline systems.

## **Materials:**

Grade 316 stainless steel 8mm 7x7 cables, swages, swage slip indicators, tension turnbuckles, hangers, shock absorbers, brackets and fixings.

Neoprene pads and nylon washers are used to avoid any bi-metallic reaction.

## **Support:**

Engineered anchor details including fabricated posts and stub posts bolted, clamped or welded to existing structure and made water tight where cladding materials penetrated.

## **Construction:**

Permanent horizontal, inclined and vertical lifeline systems allowing uninterrupted movement around corners and obstructions.

ManSafe systems have been designed using 8mm cable to aid in reduction of end anchor loads. Peak loadings are further reduced by the use of in line shock absorbers, H-Xtender and Super 12 for horizontal and inclined systems, V-Xtender for vertical systems.

The systems incorporate the unique TransFastener, its star-wheel design allows it to freely rotate through intermediate cable support hangers. The system allows continuous protection for personnel by keeping them connected past intermediate supports, around corners and up inclines. A range of TransFasteners are available to suit applications from horizontal, to inclined, to vertical and removable units to allow personnel to enter or leave the system where ever required.

**Installation:**

Installation and certification is carried out by approved installers to the strict standards of the Manufacturer, the Australian Standards and the requirements of Workplace Services (or their local counter part).

At conclusion of installation and at regular intervals on larger installations, debris will be removed to ensure work area is clean, safe and that existing coatings will not get damaged.

Procedures will be adopted to ensure adjacent areas are protected from dust, sparks or burns from all cutting, drilling, grinding and welding. .

**System Design:**

Each system is designed using “Latchways for Windows” a unique software package allowing systems to be modelled and to test alternative design and loading strategies, to ensure the most appropriate for the customer.

**Standards:**

Fall Protection Systems comply with Australian Standard AS/NZ1891 Industrial fall-arrest systems and devices.

**Signage:**

Included in the supply are system identification plaques which include all systems data as required by Australian Standards and where requested we can include other warning signs to suit the particular application.

**Personnel Equipment:**

We recommend and supply Fallright International, Fall Arrest Harness and Lanyards with built in shock absorbers.

**Contact:**

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