



PRODUCT TECHNICAL DATA SHEET

General Description

The vertical fall arrest system for fixed ladders 6 meters and higher is designed to secure access at height in commercial, industrial, and institutional buildings.

It includes a vertical rail or cable with a mobile fall arrester device allowing smooth movement and automatic locking in the event of a fall.

System Components

- Vertical guide rail attached to the ladder
- Rail connectors
- Mobile fall arrester device
- End stops (≈ 12 kN)
- Mounting brackets on ladder rungs
- Safety harness compliant (EN 361)

Key Features

- Hands-free climbing
- Smooth ascent and descent operation
- Modular and quick installation
- Compatible with multiple users (depending on configuration)
- Robust construction for long service life



Applications

- Facilitates roof access
- Industrial, commercial and institutional buildings
- Industrial installations
- Towers and technical infrastructures

Technical Characteristics

- Height: ≥ 6 m and above
- Materials: aluminum, galvanized steel or stainless steel
- Self-locking system
- Compliant with dynamic safety load requirements
- Installation on new or existing fixed ladders

Standards and Compliance

- EN 353-1 / EN 353-2
- EN 361
- CSA Z259
- OSHA (depending on jurisdiction)

Manufacturing and Warranty

The production of these ladders and components is carried out in a facility certified to ISO 9001, with welding certified by the Canadian Welding Bureau (CWB).

This system includes a material warranty of one (1) year on paint and ten (10) years on components.

Installation

Installation must be carried out by qualified personnel in accordance with manufacturer specifications and applicable building codes.

Maintenance and Inspection

- Visual inspection before each use
- Certified annual inspection
- Replacement of worn components
- Minimal maintenance required

Benefits for Architects and Facility Managers

- Easy integration into design projects
- Compliance with safety standards
- Reduction of risks and liabilities
- Suitable for both new and existing buildings