



PRODUCT INFORMATION

Figure 1 – Détail en coupe et vue d'ensemble de l'indicateur de niveau de neige Millennium.

Product Overview

The Millennium Snow Depth Indicator is a self-supporting static visual snow depth monitoring system designed for flat and low-slope roofs. Installed at strategic rooftop locations, the indicator allows building owners, property managers, engineers, and maintenance personnel to visually evaluate accumulated snow depth and determine when snow removal may be required.

Main Features

Feature	Description
Type	Static visual snow depth indicator
Installation	Roof-mounted / self-supporting
Purpose	Visual monitoring of snow accumulation
Power Requirement	None
Maintenance	Very low
Roof Types	Flat and low-slope roofs
Material	Galvanized / coated steel
Indicator Height	Variable from 6 to. 9 ft vertical marker
Base Configuration	Weighted self-supporting plate system (47.1 lbs)
Additional Function	Can assist in identifying rooftop service zones, drains or special equipment's

How It Works

- The system consists of a fixed vertical graduated marker.
- The visible height of the marker decreases as snow accumulates.
- Building operators can visually estimate snow accumulation depth.
- Maintenance crews can determine when snow removal operations are required.
- The system requires no electronics, wiring, or remote monitoring equipment.

Typical Applications

- Commercial buildings
- Industrial facilities
- Warehouses
- Shopping centers
- Schools and municipal buildings
- Arenas and sports facilities
- Flat and low-slope roofing systems

Advantages

- No electrical power required
- Simple visual inspection
- Reliable in severe winter environments
- Low maintenance design
- Cost-effective alternative to electronic snow sensors
- Easy rooftop installation
- Suitable for Canadian winter conditions

Technical Information

Approximate Dimensions:

- Indicator height: approximately 9'-0"
- Base plate dimensions: approximately 1'-0" to 1'-4"
- Pad dimensions: approximately 1'-3" to 1'-7"

Installation Recommendations

- Install at strategic rooftop locations where snow accumulation is representative.
- Position indicators away from mechanical obstructions or drifting zones unless specifically required.
- Ensure the base assembly is installed on a stable roof surface.
- Follow all local roof safety and fall protection regulations.

Designed For

- Architects
- Engineers
- Property Managers
- Facility Managers
- Roofing Consultants
- Building Maintenance Teams

Manufacturing Standards and Quality Assurance

ISO 9001 Manufacturing

Millenium products are manufactured under a quality-controlled production environment designed to support consistent fabrication, traceability, and continuous improvement processes in accordance with ISO 9001 quality management principles.

CWB Certified Welding

All welded steel components are fabricated using industry-recognized welding procedures performed by qualified personnel in accordance with Canadian Welding Bureau (CWB) standards applicable to structural steel fabrication.

Benefits for Architects, Engineers, and Property

- Consistent manufacturing quality
- Enhanced product reliability and durability
- Compliance with recognized Canadian fabrication standards
- Improved traceability and quality assurance documentation
- Suitable for commercial and institutional roofing applications

Warranty Information

Paint Finish Warranty

Millenium warrants the factory-applied paint finish against peeling, blistering, or manufacturing-related coating defects for a period of one (1) year from the date of sale, under normal environmental and service conditions.

Manufacturing Defect Warranty

Millenium warrants the Snow Depth Indicator against manufacturing defects in materials and workmanship for a period of ten (10) years from the date of sale. This warranty applies to products installed and maintained in accordance with Millenium recommendations and accepted industry practices.

Warranty Limitations

- Warranty does not cover damage resulting from improper installation, misuse, abuse, vandalism, or unauthorized modifications.
- Normal wear, environmental exposure, and cosmetic aging are excluded from warranty coverage.
- Warranty coverage is limited to repair or replacement of defective components at Millenium's discretion.

Millenium – Building Envelope Systems and Components