

AN ARCHITECTURAL APPROACH

The Millenium TR-3100 Roof Access Hatch is not merely an access point, but a strategic component of the building envelope.

Fully manufactured in Canada, this insulated single-unit assembly is engineered to meet the highest standards of commercial, industrial, and institutional construction. It delivers structural robustness, continuous thermal performance, and superior mechanical durability.

CONSTRUCTION & MATERIALS

- 6061-T6 extruded aluminum construction Interior 5052-H32 gage 12 & Exterior the hatch is covered in « checker plate » anti-slip aluminum 3003-H22 1/8"
- Minimum 356 mm (14") curb height
- Continuous welded corners – CWB-CSA W47.2 certified welding
- ISO 9001 certified manufacturing system
- Type 316 stainless steel industrial hinges

SUPERIOR THERMAL PERFORMANCE

- Continuous insulation between aluminum skins
- High-density insulated sandwich construction
- Minimum RSI 1.53 (R-8.7)
- Continuous NEOPRENE EPDM compression gasket of 3/8" X 1 3/4"
- Significant reduction of thermal bridging



ACCESS HATCH - ACCESS

PROFESSIONAL SOLUTION FOR ARCHITECTS
AND DESIGNERS

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DESIGNED FOR CANADIAN CLIMATE

- Snow load $\geq 2,5$ kPa
- Wind load $\geq 1,2$ kPa
- 80°C thermal variation resistance
- Minimum 1,3 kN concentrated load capacity

SAFETY & ERGONOMICS

- Factory-calibrated gas spring operators
- Single-hand operation, only requires 22kg push
- Automatic hold-open arm and 1/8" steel wire to maintain 90° opening
- Interior latch with padlock provision
- Compatible with guardrail and fall protection systems

CANADIAN COMMITMENT

- Aluminum sourced in Canada
- Fabricated and assembled in Canada
- Full material traceability
- Documented quality control system

SPECIFICATION SUPPORT

- DDN / CSI specification section available
- CAD and REVIT details
- BIM models upon request
- Dedicated technical support for architects and consultants

WARRANTY

The roof access hatch is warranted for a period of one (1) year on paint and ten (10) years on materials, covering any defects affecting the entire hatch.

