



ARCHITECTURAL PRODUCTS

In several municipalities, regulations require that mechanical equipment located on building rooftops be concealed using architectural screens that harmonize with the building's architecture.

Millenium WHISPER Acoustic Screen Walls provide permanent noise mitigation, architectural integration, and engineered rooftop screening solutions. Choose a Millenium WHISPER acoustic screen wall.

FEATURES

- Available as L-shaped walls, U-shaped walls, full equipment enclosures, terrace screens, and custom engineered configurations
- Screen walls for terraces
- Durable and robust, requiring no maintenance
- Available in white, natural aluminum, or painted according to our color range

L-Shaped Acoustic Noise Barrier Wall



U-Shaped Acoustic Barrier Wall

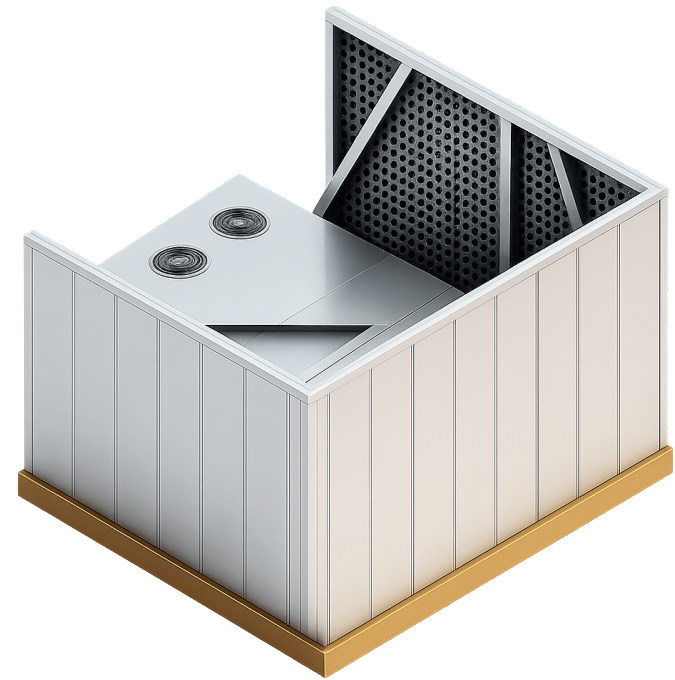


Complete Equipment Enclosure



PHYSICAL PROPERTY

Density: 2.57 g/cc (0.0928 lb/in³)



WHISPER® ACOUSTIC SCREEN WALLS

PROFESSIONAL SOLUTION FOR ARCHITECTS
AND DESIGNERS

Montréal • Toronto • Moncton

📍 3200 2e Rue
Saint-Hubert (QC) J3Y 8Y7

☎ 1 833 454-3176

🌐 millenium.plus

✉ info@millenium.plus

STRUCTURAL PARTS

Posts and cross members: 48 mm (1.9") diameter 6061-T6 aluminum tube with plastic end caps.

Stackable bases : 18.91 kg (41.7 lbs) counterweights each measuring 305 mm × 406 mm (12" × 16") made of cast steel according to ASTM A-48 Class 30 including a 12 mm (1/2") thick mat for protection of the roofing system.

ENGINEER-APPROVED SELF-SUPPORTING SYSTEM

The Millenium self-supporting screen wall system stands out for its versatility. Custom configurations are possible according to your needs, and we can have the installation approved by an engineer if required.

All engineers working for Millenium hold a Professional Engineer (P.Eng.) designation in Structural Engineering, qualifying them to design safety equipment projects across all Canadian provinces and ensuring a professional, code-compliant design for your projects.

ALLOY COMPONENTS

- Aluminum (Al): 91.4 – 93.3 %
- Copper (Cu): ≤ 0.10 %
- Iron (Fe): ≤ 0.15 %
- Magnesium (Mg): 6.6 – 7.5 %
- Manganese (Mn): 0.10 – 0.25 %
- Other, each: ≤ 0.05 %
- Other, total: ≤ 0.15 %
- Silicon (Si): ≤ 0.20 %
- Titanium (Ti): ≤ 0.25 %

ASSEMBLY PARTS

Cast aluminum 535 unions according to the properties shown below, with threaded holes and stainless-steel tightening nut insert.

- Elbow: 90-degree corner piece;
- Joints: linear union, T-shaped union, or Y-shaped union;
- Wall mounting base: fastening component receiving the cross-tube. transversal.

ADVANTAGES

- Completely modular system based on your needs
- Compact bases on the roof
- Installation possible in restricted areas
- No intervention required with the roof waterproofing system

QUALITY & CERTIFICATIONS

Millenium products are manufactured under controlled quality assurance procedures in accordance with recognized industry standards, ensuring consistency in performance, durability, and full traceability of all architectural systems.

- ISO 9001 – Manufacturing processes certified under a Quality Management System ensuring continuous process control and product conformity.
- CWB (Canadian Welding Bureau) – Welding procedures and personnel certified in accordance with applicable Canadian standards.
- Coating warranty – Factory-applied paint finish is warranted for a period of one (1) year under normal environmental and service conditions.
- Material warranty – Structural and non-structural components are warranted against manufacturing defects for a period of ten (10) years from the date of