



QUALITY AND COMPLIANCE



ISO 9001-certified quality management system



CWB-certified structural welding



Compliant with applicable building code requirements

WARRANTY

10 YEARS

on all materials

SYSTEM OVERVIEW

The Millenium self-supporting duct support system allows HVAC ducts to be installed on rooftops without penetrating the roofing membrane. Designed to ensure uniform load distribution, the system protects the integrity of the waterproofing assembly while providing a robust, durable, and corrosion-resistant structure. It is an ideal solution for both new construction and renovation projects.



SELF-SUPPORTING SUPPORT SYSTEM FOR CONDUITS

DOCUMENT INTENDED FOR ARCHITECTS, ENGINEERS, AND SPECIFIERS.

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APPLICATIONS

- Support for rectangular or circular HVAC ducts
- Rooftop mechanical installations
- Flat or low-slope roofs
- Insulated or non-insulated ducts
- Single-level or multi-level duct configurations

SYSTEM ADVANTAGES

- Fully self-supporting system – no membrane penetration required
- Optimal protection of the roofing membrane
- Uniform load distribution
- Durable aluminum structure with excellent corrosion resistance
- Fast and efficient installation
- Suitable for restricted areas
- Available in natural aluminum, white, or painted finish

PERFORMANCE AND DESIGN

- Maximum roof pressure: 21 kPa (3.0 psi)
- Maximum reaction under each support: 2.6 kN (580 lb)
- Maximum beam deflection: $L/360$ or 3.175 mm (1/8")
- Structure designed for gravitational loads only
- Lateral loads (wind or seismic) must be supported by an independent structural system

MATERIALS AND MAIN COMPONENTS

- ProAluminum C-channels 6061-T6 compliant with ASTM B308
- Aluminum tubes 6061-T6 compliant with ASTM B241
- Aluminum plates 6061-T6 compliant with ASTM B209
- Bolts compliant with ASTM F468

