

# It's not just good for the environment —

IT'S GOOD FOR BUSINESS



## LEED V4.1 - Interior Design & Construction - MR CREDITS

### **MR CREDIT: Interiors Life-Cycle Impact Reduction**

#### **Option 1 – Interior Furniture & Nonstructural Elements Reuse (1-3 points)**

INFINIUM's walls are non-structural elements that are demountable and can be reused or salvaged for future projects. INFINIUM's Refine and Quantum wall systems can be included in the calculation to determine the percentage of reused interior nonstructural elements (by cost).

#### **Option 2 – Design for Flexibility & Disassembly (1-2 points)**

INFINIUM's walls are demountable and allow for space flexibility when reconfiguring spaces. Include INFINIUM's Refine and Quantum wall systems in the project's flexibility and disassembly plan.

### **MR CREDIT: Environmental Product Declarations**

#### **Option 1 – Environmental Product Declaration (EPD) (1 point)**

INFINIUM Wall Systems are constructed with materials from manufacturers who are continuously working to improve their environmental life-cycle impacts. Environmental Product Declarations conforming to ISO 14025 or ISO 21930 are provided for both Refine and Quantum wall systems from our glass, hardware, and wood door manufacturers, each who also demonstrated a cradle to gate scope.

### **MR CREDIT: Sourcing of Raw Materials**

#### **Responsible Sourcing of Raw Materials (1-2 points)**

- + **Wood Products:** INFINIUM provides wood doors that are certified by the Forest Stewardship Council
- + **Recycled Content:** INFINIUM's Refine and Quantum aluminum frames are built by materials sourced from 25% post-consumer and 50% pre-consumer recycled content. INFINIUM also provides hardware packages that will contribute to this credit. The recycled content value of material is determined by weight.

### **MR CREDIT: Material Ingredients**

#### **Option 1: Material Ingredient Reporting (1 point)**

INFINIUM's Refine and Quantum wall systems are built using an architectural glass that is Cradle to Cradle certified (Version 3.1) with a Material Health achievement at the Bronze level.

### **MR CREDIT: Construction and Demolition Waste Management (1-2 points)**

Roughly 95% of the packaging brought on site for INFINIUM's wall products are made of recyclable material, including wood pallets, cardboard boxes, and reusable metal racks. Additionally, any excess of aluminum cut on site is brought to a metal recycling station.

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## LEED V4.1 - Interior Design & Construction - EQ CREDITS

### EQ CREDIT: Daylight

INFINIUM's glass wall systems allow for natural daylight to be dispersed throughout the occupied space. INFINIUM's glass wall systems not only reduce the need for artificial lighting, but it also allows the occupants to have a connection with the outdoors.

### EQ CREDIT: Quality Views (1 point)

INFINIUM's glass wall systems allow for direct line of sight to the outdoors for occupied floor areas. All clear glass systems will provide unobstructed quality view to the exterior and increase the visible light transmittance.

### EQ CREDIT: Acoustic Performance (2 points)

**Table 1. Minimum Composite Sound Transmission Class (STC) Ratings for Adjacent Spaces**

- + INFINIUM's Quantum Double Butt-Glazed system will provide an STC rating ranging from 40-45.
- + INFINIUM's Refine Solid Partition will provide a 50 STC rating.
- + When a sound masking system is implemented at a minimum level of 40dBA, the STC ratings may be lowered by 5 points allowing for INFINIUM's Refine Double-Glazed Unitized\* system (42 STC) to meet most of the desired acoustical levels in Table 1.

(The highlighted line items demonstrate INFINIUM's Refine and Quantum wall systems' compliance with the desired acoustical levels for the adjacency combinations shown in Table 1)

**Table 1. Minimum composite sound transmission class ratings for adjacent spaces.**

Adjacency Combinations		STC	NIC
Retail	Retail	50	45
Collaborative / Multi-Use	Hallway, Stairway	25*	20
Private	Hallway, Stairway	35*	30
Confidential	Hallway, Stairway	40*	35
Collaborative / Multi-Use	Collaborative / Multi-Use	35*	30
Collaborative / Multi-Use	Private	45*	40
Collaborative / Multi-Use	Confidential	50	45
Private	Private	45*	40
Private	Confidential	50	45
Confidential	Confidential	50	45
Conference Room	Conference Room	50	45
Mechanical Equipment Room*	Hallway, Stairway	50	45

U.S. Green Building Council