

GREEN Ceilings

SUSTAINABILITY INFORMATION

U. S. Green Building Council, LEED® - NC Green Building Rating System for New Construction & Major Renovation, The U. S. Green Building Council, LEED® - NC Green Building Rating System for New Construction & Major Renovation Version 2.2.

Rapidly Renewable Energy - Located in Montreal, QC
- Our production and office facilities are powered by renewable, low carbon, hydroelectric power

Heavy Metal Free - Simplex specializes in the fabrication of aluminum interior surfaces which do not require the use of hexavalent chromium pretreatments used to galvanize steel

Made to Measure - Our unique design & fabrication capabilities allow us to maximize factory fabrication and material recycling.

Locally Recyclable - Our aluminum surfaces are recycled locally - We do not require additional resources to transport our products back to the factory as local recycling is universally available

High Recycled Content - Depending on the design requirements our aluminum contains from 100% post consumer to 75% post industrial content.

Sustainably Brighter Space - CEILTEX provides a Light Reflectance (LR) of 0.89 for more usable light, reduced energy consumption, balanced light diffusion and reduced Light Loss Factor (LLF)

Everyone
talks Green

SIMPLEX
is Green



The Simplex Difference: Rapidly Renewable – Low Carbon Energy & Heavy Metal Free

1. Renewable Energy: Simplex is located in Montreal, Quebec and powers the production facility with renewable, low carbon hydroelectric energy
2. Heavy Metal Free: Aluminum does not require the use of the heavy metal pretreatment (hexavalent chromium) as used in galvanized steel

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1. Indoor Environmental Quality (LEED® EQ Credit 3.1 and 3.2 – Construction IAQ Management Plan – During Construction and Before Occupancy): Most of our products do not require field fabrication. This assists in preventing indoor air quality events resulting from the construction process and sustains the comfort and well-being of the construction workers and building occupants. Our ceiling, exterior soffits and wall systems have no reportable VOC's in the finished product
2. Indoor Environmental Quality (LEED® EQ Credit 4.1, 4.2, 4.3 and 4.4 – Low-Emitting Materials: Paints & Coatings): Most of our products are factory finished and do not require field painting. Our ceiling, exterior soffits and wall systems have no reportable VOC's in the finished product
3. Indoor Environmental Quality (LEED® EQ 8.1 and 8.2 – Daylight and Views): Ceiling systems with high light reflectance (LR) can improve the quality and quantity of natural light by improving indirect lighting
4. Material and Resources (LEED® MR Credit 1.3 – Building Reuse – Maintain Interior) Prefinished aluminum panels are abuse and moisture resistant
5. Material and Resources (LEED® MR Credit 2.1 and 2.2 – Construction Waste Management): Our systems are pre-engineered systems to reduce installation waste and are 100% locally recyclable
6. Material and Resources (LEED® MR Credit 3.1 and 3.2 – Resource Reuse): Our systems may include recycled aluminum
7. Material and Resources (LEED® MR Credit 4.1 and 4.2 – Recycled Content): Most of our systems are made from aluminum that contains at least 25% recycled material. The mix of the recycled content varies depending on alloy but is approximately 50% post consumer and 50% post industrial
8. Material and Resources (LEED® MR Credit 5.1 and 5.2 – Regional Materials): Our products are manufactured in Montreal, Quebec and contribute to 5.1 earned credit for projects within a 500 mile radius. Our raw material (aluminum) is manufactured in Lancaster, Pa 17601 and contributes to 5.2 earned credit for projects within a 500 mile radius
9. Energy and Atmosphere (LEED® EA Credit 1.3 – Optimize Energy Performance): Ceiling systems with high light reflectance (LR) can reduce the number of light fixtures needed curbing energy consumption. Simplex Ceiling are available in the CEILTEX finish with LR .89

255 Montpelier
Montréal, QC H4N 2G3
t: 800.638.5726
f: 514.744.2716
e: info@simplexceilings.com
w: simplexceilings.com

SIMPLEX
CEILINGS AND WALLS A DIVISION OF INTALITE INC