

Eurostone and LEED Green Building Rating System for New Construction & Major Renovations (LEED-NC) Version 2.1

Chicago Metallic certifies and provides the following information for use in achieving LEED-NC credit for the specification of Eurostone brand acoustical ceiling panels. (Type XX, pattern E, K per ASTM E 1264).

LEED-NC Energy and Atmosphere - Credit 1 - Optimize Energy Performance

Eurostone reflective surface of .75 per ASTM E1477 may help to reduce lighting fixture and related energy costs. Eurostone thermal conductivity of 0.679 Btu inch/hr ft² F per ASTM C177 may assist with the thermal insulation of the building.

LEED-NC Material and Resources - Credit 2.1 and 2.2 - Construction Waste Management

Chicago Metallic offers a recycling program for Eurostone. This program permits customers who specify Eurostone to return the old replaced tiles for recycling. Eligibility guidelines and program procedures are available upon request. The dimensional stability, resistance to moisture and mold also reduces installation waste.

LEED-NC Indoor Environmental Quality Credit 3.1 and 3.2 Construction IAQ Management Plan

Chicago Metallic Eurostone ceiling panels do not contain any VOC's or man made mineral fibers to become indoor air pollutants.

LEED-NC Indoor Environmental Quality - Credit 4.1 - Low Emitting Materials

Chicago Metallic Eurostone ceiling panels do not contain any VOC's or man made mineral fibers to become indoor air pollutants.

LEED-NC Materials and Resources - Credit 5.1 - Regional Materials

Chicago Metallic Eurostone ceiling panels are manufactured in Matamoros Mexico. Chicago Metallic ceiling suspension systems are manufactured in Chicago and Baltimore.

LEED-NC Indoor Environmental Quality - Credit 8.1 and 8.2 Daylight and Views

Chicago Metallic brand Eurostone ceiling panels have a published light reflectance of 0.76. This high light reflectance may permit day lighting further into the finished space.

LEED-NC Innovation and Design

Eurostone is a highly innovative product with unique "Green" characteristics including; Containing no man made mineral fibers or organic materials to impact indoor air quality; Will not support growth of mold - 10 Rating per ASTM D3273; Will not warp or sag over the life of the building even when wet; Fire rated per ASTM E-119 and Class A (Flame 0, Smoke 0) per ASTM E84; Forty year lifetime limited warranty for lifecycle cost analysis.



Bulletin/Product

Note: Other ceiling products such as CM grid used in conjunction with Eurostone panels may also have attributes applicable for LEED Certification. Determinations of product attributes for LEED Certification of a building project is the responsibility of the LEED Applicant.