



GFRG SEAMLESS™ ACCESS PANELS

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

CASTLE Access Panels and Forms Inc. certifies and provides the following information for use in achieving LEED-NC credit for the specification of CASTLE Access Panels. (Type XX, pattern G, per ASTM E 1264).

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

CASTLE Access Panels reflective surface of 0.83 per ASTM E1477 may help to reduce lighting fixture and related energy costs.

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

CASTLE Access Panels do not contain any VOC's or mineral fibers to become indoor air pollutants.

LEED-NC Materials and Resources – Credit 4.1 and 4.2 Recycled Content

CASTLE Access Panels are manufactured with 70% post-consumer recycled glass by volume.

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

CASTLE Access Panels do not contain any VOC's to become indoor air pollutants.

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

CASTLE Access Panels are manufactured in Toronto, Canada. Credit may be given if the project location is within a 500-mile radius of the extraction location.

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

CASTLE Access Panels have a published Class 1 LR (Light Reflectance) of 0.83. This high light reflectance rating may permit day lighting further into the finished space.

LEED-NC Innovation and Design

The CASTLE Access Panel is an innovative product with unique “green” characteristics including no mineral fibers or organic materials to negatively impact indoor air quality. The product will not support the growth of mold and mildew per ASTM D-3273. The product will not warp, sag or rot over the life of the building. CASTLE Access Panels achieves a Class A fire rating per ASTM - E84. The product is covered by the CASTLE Access Panels 3 year limited lifetime warranty.

Note: Determining the product attributes for a specific project that will satisfy LEED certification requirements is the responsibility of the LEED applicant.