



| G Roc



## G ROC

Szolyd's G-ROC offers a sustainable option for your hard surface architectural needs. It is made from up to 85% recycled glass using state of the art technology to produce a mix that is as strong as high performance concrete. The hard qualities of glass make G-Roc abrasion, heat and stain resistant. It can be fabricated in virtually any colour and polished to reveal glass in endless colours and sizes. G-Roc's chemical composition is benign, made from 99.5 inorganic material providing a safe, nontoxic surface suitable for kitchen countertops.



## G ROC LEED

Szolyd's G-ROC can help increase the number of points awarded to a building in the LEED system. In addition to being manufactured using glass from the local blue bin recycling program, G-ROC shares concrete's inherent lasting, low maintenance qualities, energy efficiency, recyclability and minimal waste that are key to meeting environmental standards that garner LEED points.

The United States Green Building Council developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System in order to transform the built environment to sustainability by providing the building industry with consistent, credible standards for what constitutes a green building. The Canadian Green Building Council is dedicated to promoting the LEED rating system. The following demonstrates how Szolyd's G-ROC can help to obtain credits in the LEED Commercial Interiors (LEED-CI) version 2.0 rating system. Below that, is a condensed listing of the other LEED certification systems and the corresponding credits that G-ROC can help your project to obtain.



## G ROC LEED

### LEED Commercial Interiors (LEED-CI) Version 2.0

#### MR 4: Recycled Content

G-ROC contains recycled content that ranges from 70-85% of the product by weight. Of the recycled content, generally 100% is derived from the local blue bin recycling program unless specific glass colours are used.

#### MR 5: Regional Materials

G-ROC is manufactured in Victoria, British Columbia. If your project is within 500 miles G-ROC qualifies as a regional material.

#### EQ 4: Low-Emitting Materials

G-ROC contains no volatile organic compounds (VOCs) and thus emits no VOCs.

### LEED New Construction (LEED-NC) version 2.2:

- MR 4.1: Recycled Content: 10% (post-consumer + \_ pre-consumer)
- MR 4.2: Recycled Content: 20% (post-consumer + \_
- ID 1: Innovation in Design: Exemplary Performance: Recycled Content: 30% or greater
- EQ 4.1: Low-Emitting Materials: Adhesives & Sealants
- ID 1: Innovation in Design:

### LEED Existing Buildings (LEED-EB) version 2.0:

- MR 2.1 – 2.5: Optimize Use of Alternative Materials
- MR 3.1 & 3.2: Optimize Use of IAQ Compliant Products
- IUOM 1: Exemplary Performance: Optimize Use of Alternative Materials

### LEED Core and Shell Development (LEED-CS) version 2.0:

- MR 4.1: Recycled Content: 10% (post-consumer + \_ pre-consumer)
- MR 4.2: Recycled Content: 20% (post-consumer + \_ pre-consumer)
- ID 1: Exemplary Performance: Recycled Content
- EQ 4.1: Low Emitting Materials: Adhesives and Sealants

