



# LEED

**Capitol Aluminum & Glass Corp.** promotes the principals outlined by the USGBC and its' LEED (*Leadership in Energy and Environmental Design*) Rating System of building design. We at Capitol design and manufacture sustainable architectural aluminum products that can contribute directly to point attainment for the perspective LEED categories. Capitol also has a cultural environment internally that promotes practices of recycling, waste elimination, and energy efficiencies. We feel that any step, even if it is as small as a paper recycling bin at each desk, can have only a positive impact on our environment.

## THREE LEED CATEGORIES IN WHICH ARCHITECTS AND OWNERS CAN BENEFIT FROM BY INCORPORATING CAPITOL'S ENERGY EFFICIENT PRODUCTS:

<b>Energy &amp; Atmosphere (EA):</b>	<b>EA Credit 1: Optimize Energy Performance</b>	<b>EA Credits 2.1 – 2.3: On-Site Renewable Energy</b>
	Capitol thermal storefronts, curtain walls, windows, sunshades, and light shelves	Photovoltaic integration into Capitol products such as curtain wall, sunshades, or in conjunction with glazing infills

<b>Materials &amp; Resources (MR):</b>	<b>MR Credits 4.1 (10%) – 4.2 (20%): Recycled Content</b>	<b>MR Credits 5.1 – 5.2: Regional Materials*</b>
	Capitol aluminum extrusions contain 60% recycled aluminum, of which is 55% pre-consumer and 5% post consumer ( <i>by weight</i> )	LEED 2009—Processed/Manufactured regionally within a 500 mile radius

<b>Indoor Environmental Quality (IEQ):</b>		
<b>EQ Credit 2.0: Increased Ventilation</b>	<b>EQ Credit 6.2: (<i>Thermal Comfort</i>) Controllability of Systems</b>	<b>EQ Credit 8.1—8.2: Daylight and Views</b>
Operable Windows—increase indoor air quality ( <i>breathing zone</i> )	Operable Windows—provides natural ventilation in lieu of comfort controls	Capitol storefronts, curtain walls, windows, and entrance systems—provide daylight illuminations and sight to outdoor environment



# Energy Efficiency

**AN OVERVIEW OF THE POSSIBLE LEED RATED CATEGORIES ARE LISTED BELOW WITH PERSPECTIVE POINTS:**

- Sustainable Sites (26)
- Water Efficiency (10)
- Energy and Atmosphere (35)
- Materials and Resources (14)
- Indoor Environmental Quality (15)
- Innovation and Design Process (6)
- Regional Bonus Credit (4)

**40-49 = CERTIFIED / 50-59 = SILVER / 60-79 GOLD / 80-110 PLATINUM**

In these challenging times, it is more important now than ever to make a positive impression in our world by making it a better place to live. We at Capitol Aluminum & Glass Corp. are committed to continually developing products that comply with LEED standards. Let Capitol be your partner in sustainable design practices for the building envelope. Contact a sales representative for assistance on product information and how they relate to points for your next LEED project.

**WINDOWS • ENTRANCES • STOREFRONTS • CURTAIN WALLS**

*\* The USGBC allows for recycled content (or the percent of recycled content) to count towards the regional credit for products used within 500 miles of where the secondary billet was cast and the final product fabricated.*



1276 W. Main Street, Bellevue, OH 44811  
Toll Free (800) 331-8268 Fax (419) 483-7830  
[www.Capitol-Windows.com](http://www.Capitol-Windows.com)

**"Your *solutions-based* alternative for architectural aluminum products and services"**