



## **GREEN BUILDING DESIGN AND LEED® CERTIFICATION**

Developed by the US Green Building Council (USGBC), LEED (Leadership in Energy and Environmental Design) is a voluntary green building certification system providing third-party verification that a building was designed and constructed using strategies to improve environmental sustainability in a number of ways: energy savings, water efficiency, CO<sup>2</sup> emission reduction, improved indoor environmental quality and responsible use of resources.

Syracuse Glass Company can help design professionals earn LEED credit points in the following areas:

### **LEED Category: Energy and Atmosphere Credit 1 Optimize Energy Performance**

As an independently owned regional glass fabricator, Syracuse Glass Company can utilize energy efficient glass products from all North American glass manufacturers. A Guardian Industries SunGuard Select Glass Fabricator, Syracuse Glass Company manufactures several “soft coated” state-of-the-art energy efficient insulating glass products.

SunGuard Super Neutral 68 and Super Neutral 54 are among the highest performing coated glass products: low u-factors and SHGC, high LSG ratios, and a neutral appearance. Additionally, SGC can incorporate tinted and coated glass from Pilkington or PPG Industries for many aesthetic or performance options.

Argon gas filling and AZON Warm-Light thermally broken Warm-Edge spacers are also available. SGC regularly supplies samples, performance documents, and architectural support.

SGC is a Tubelite architectural aluminum fabricator and distributor of custom entrances and storefronts since 1981. See [www.tubeliteinc.com](http://www.tubeliteinc.com) for more information.

Tubelite offers a complete line of energy efficient aluminum entrances and framing systems including:

- T14000 Flush Glaze Storefront
- Therml=Block™ Thermal Doors
- Therml=Block™ Curtainwall 300ES
- MaxBlock™ Sunshades
- aLuminate™ Light Shelves
- EcoLuminum™ Recycled Aluminum

Glass energy performance documents and AAMA507 framing system test reports are available on request.

### **LEED Category: Materials and Resources Credit 4.1 and 4.2 Recycled Content**

While Syracuse Glass recycles all its scrap glass (cullet), our glass products, as is typical of the glass industry in general, do not contain enough post consumer recycled content to qualify for LEED credit.

Our Tubelite aluminum can qualify, however. All Tubelite materials (no special arrangements required) contain at least 80% recycled content of which at least 30% is post-consumer content. Higher recycled percentage material is available by special arrangement. This recycled content is unique to Tubelite for anodized material, due to an industry leading eco-friendly anodizing process, branded EcoLuminum™.

**Recycled Aluminum content certification statements are available on request.**

### **LEED Category: Materials and Resources Credit 5.1 and 5.2 Regional Materials**

Syracuse Glass obtains raw float and coated float glass from two glass plants that source their raw materials regionally within a 500 mile radius of our facility – Guardian Industries in Geneva, NY and PPG Industries in Carlyle, PA.

For projects sited in Syracuse and areas west of Syracuse, our Tubelite materials are 80% extracted and manufactured within 500 miles.

**Regional materials sourcing certification statements are available on request.**

**Additionally, Syracuse Glass Company is a leader in environmentally friendly business practices.**

- We sort and recycle seven different types of material, minimizing trash destined for the landfill.
- We can deliver glass on returnable steel racks to minimize the used of wood cases.
- Our delivery fleet is very fuel efficient. Most have aluminum rather than steel bodies, and onboard computers that help our drivers select the most fuel efficient shifting patterns, govern speed, and minimize idling.
- We're part of the Salina Industrial Power Park, bringing life back to a former General Motors plant, reusing an existing industrial facility.
- Our glass tempering furnace is among the most modern and energy efficient in North America.
- We are a 100 year old company, and have been manufacturing insulating glass since 1972. Our commitment to quality and craftsmanship delivers high quality insulating glass with industry leading longevity.

Call our office at 800-962-3211 or see [www.syracuseglass.com](http://www.syracuseglass.com) for more information.