



**AGS INC**

9950 W. 190th Street • Mokena, IL 60448  
Ph: (708) 479-9458 • Fax: (708) 479-9478

**Architectural Grilles & Sunshades, Inc.**

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## **AGS, Inc. & LEED (Leadership in Energy and Environmental Design) INFORMATION**

### **Benefits to Earning LEED Certification**

**Lower operating costs and increased asset value**

**Conserve energy and water**

**Reduce harmful greenhouse gas emissions**

**Qualify for tax rebates, zoning allowances and other incentives in numerous cities**

**Demonstrate an owner's commitment to environmental stewardship and social responsibility**

**Reduce waste sent to landfills**

**Healthier and safer for occupants**

**USGBC-** United States Green Building Council is a non-profit community of leaders dedicated to making green buildings available to everyone within a generation.

**LEED** encourages global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

**LEED's Green Building Rating System** is a third party certification program and the nationally accepted benchmark for the design, construction and operation of high performance green buildings. LEED certification provides independent third party verification that a building project meets the highest green building and performance measures. Certified green buildings receive a plaque that authenticates the building is environmentally responsible, profitable and a healthy place to live and work. State and local governments across the country are adopting LEED for public-owned and public-funded buildings. Architects, construction managers, engineer and interior designers are among many who use LEED to help transform our environment. The four levels of certification, Certified, Silver, Gold and Platinum are determined by the total number of points a project earns in a wide range of categories.

***LEED Rating Systems point programs are available for the following criteria:***

***New Construction***

***Existing Buildings: Operations and Maintenance***

***Commercial Interiors***

***Schools***

***Retail***

***Healthcare***

***Homes***

***Neighborhood Development***

***Core and Shell (to implement sustainable design for new core and shell construction)***



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### How AGS, Inc. can contribute to LEED Rating Systems Points

Based on the most current version for LEED for New Construction version 2.2, AGS, Inc. can contribute points to your project in the following categories:

Category	Description	LEED Requirements	Potential Points	AGS, Inc. Products
Energy and Atmosphere	<b>Energy &amp; Atmosphere Credit 1. Optimizing Energy Performance</b> -Achieve increasing levels of energy performance above the prerequisite standard to reduce environmental impact associated with excessive energy use	Demonstrate a percentage improvement in the proposed building performance rating compared to the baseline building performance rating per ASHRAE/IESNA (American Society of Heating, Refrigerating & Air Conditioning Engineers/ Illuminating Engineering Society of North America) Standard 90.1-2004 by a whole building project simulation using the Building Performance Rating Method of that standard.	1-10	Aluminum Sunshades  Interior Light Shelves
Materials and Resources	<b>Materials &amp; Resources Credit 4.1 Recycled Content (Specify 10%)</b> – Increase demand for building products that incorporate recycled content materials thereby reducing impacts resulting from extraction and processing of virgin materials	Use materials recycled content such that the sum of the pre-consumer and post-consumer recycled content constitutes at least 10% of the total value of the materials in the project	1	Aluminum Sunshades Grilles Interior/Exterior Light Shelves Trellis Systems
Materials and Resources	<b>Materials &amp; Resources Credit 4.2 Recycled Content (Specify 20%)</b> – Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials	Use materials with recycled content such that the sum of the pre-consumer and post-consumer recycled content constitutes at least 20% of the total value of the materials in the project	(4.1) + 1	Aluminum Sunshades Grilles Interior/Exterior Light Shelves Trellis Systems
Materials and Resources	<b>Materials &amp; Resources Credit 5.1 Regional Materials: 10% Extracted Processed &amp; Manufactured Regionally</b> – Increase demand for building materials and products that are extracted and manufactured within the region thereby supporting the regional economy and reducing the environmental impact resulting from transportation	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured within 500 miles of the project site for a minimum of 10% of the total material value. If only a fraction of a product or material is extracted, harvested or recovered and manufactured locally, than only that percentage shall contribute to the regional value.	1	Aluminum Sunshades Grilles Interior/Exterior Light Shelves Trellis Systems
Materials and Resources	<b>Materials &amp; Resources Credit 5.2 Regional Materials: 20% Extracted Processed &amp; Manufactured Regionally</b> – Increase demand for building materials and products that are extracted and manufactured within the region thereby supporting the regional economy and reducing the environmental impact resulting from transportation	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured within 500 miles of the project site for a minimum of 20% of the total material value. If only a fraction of a product or material is extracted, harvested or recovered and manufactured locally, than only that percentage shall contribute to the regional value.	(5.1) + 1	Aluminum Sunshades Grilles Interior Light Shelves Trellis Systems
Indoor Environmental Air Quality	<b>Indoor Environmental Quality Credit 8.1 Daylight and Views (Daylight 75% of Spaces)</b> – Provide for the building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building	Achieve a minimum glazing factor of 2% in a minimum of 75% of all regularly occupied spaces. Provide daylight redirection and/or glare control devices to avoid high contrast situations that could impede visual tasks.	1	Interior Light Shelves
Indoor Environmental Air Quality	<b>Indoor Environmental Quality Credit 8.2 Daylight and Views (Daylight 90% of Spaces)</b> – Provide for the building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building	Achieve direct line of sight to the outdoor environment via vision glazing between 2'6" and 7'6" above finish floor for building occupants in 90% of all regularly occupied areas.	(8.1) + 1	Interior Light Shelves