

PRODUCT INFORMATION	TYPE OF PRODUCT	Translucent curtain wall
	COMPANY NAME	Major Industries
	PRODUCT/COLLECTION NAME	Guardian 275 Translucent Curtain Wall
	DESCRIPTION	Window wall systems
MATERIAL FEEDSTOCK	MATERIAL CONTENT	The panels are 2-3/4" thick and consist of architectural grade fiber glass reinforced polymer sheets bonded under controlled heat and pressure. The grid core is an Aluminum I- beam. Grid core is available with optional poured and debridged structural polyurethane thermal break.
	RECYCLED CONTENT %	Major Industries uses materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content composes at least 10%/20% (based on cost for one to two points) of the total value of the materials in the project. Major Industries is dedicated to a disciplined program that recycles all of their materials including aluminum, steel, wood pallets, corrugated packaging, and paper. All of the scrap materials are sorted and recycled as part of the daily clean up in the plant. Contains post-consumer and post-industrial recycled content. All shipping material is collected daily for recycling.
	RAPIDLY RENEWABLE CONTENT %	Major industries uses building materials that have been extracted, harvested, or recovered, as well as manufactured within 500 miles of the project site.
	HARMFUL ADDITIVES	Not specified
	HARMFUL EMISSIONS	Not specified
	EMISSION STRENGTH OVER TIME	Not specified
	TREATMENTS	Anodized coatings and pigmented organic coatings, with a mill finish.
MANUFACTURING	MANUFACTURING PROCESS	Guardian 275 translucent panel systems offer exceptional insulating properties with U-factors as low as 0.13. Solar Heat Gain is minimized with solar heat gain coefficient values as low as 0.05. UV Transmission is less than 1%. Maintain existing building structure to extend lifecycle of existing building stock, conserve resources and reduce waste. Use salvaged, refurbished or reused materials such that the sum of these materials constitutes at least 5% / 10% based on cost, of the total value of materials on the project. Products reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.
	HARMFUL EMISSIONS	None.
	LOCATION OF MANUF. PLANT	Major industries uses building materials that have been extracted, harvested, or recovered, as well as manufactured within 500 miles of the project site.
	TESTS/CODES	The material has met requirements for certification.
	3RD PARTY CERTIFICATION	Not specified.
	INSTALLATION PROCEDURE	The following address contains detailed images on the installation process: http://www.majorskylights.com/technical/manual.php
INSTALLATION	INSTALLATION ADHESIVES	Not specified
	UNIT COST	Varies from product to product.
	LIFE CYCLE ANALYSIS EXTRACTION	Guardian 275 translucent panel systems offer exceptional insulating properties with U-values as low as 0.13. Solar Heat Gain is minimized with solar heat gain coefficient values as low as 0.05. UV Transmission is less than 1%. Energy-efficient Guardian 275 translucent skylights and curtainwall minimize heat loss during winter months and reduce the heat gain from direct sunlight during the summer months (which helps to save energy and stabilize HVAC loads).
	END OF SERVICE LIFE	Not specified.
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Window wall systems are a cost effective and light-weight alternative to traditional glass glazing. Its structure provides one of the highest strength-to-weight ratios available for daylighting applications.
	MISC. COMMENTS	All Major industries shipping material is collected daily to be recycled.
	CONTRIBUTION TO LEED POINTS	The Guardian 275 translucent curtain wall contributes to in the following LEED categories: Sustainable Site: It may be possible to obtain SS Credit

		<p>7.2 and SS Credit 8 by incorporating Major Industries translucent glazing panels into the building's natural daylighting requirements.</p> <p>Energy and Atmosphere: It may be possible to obtain an EA prerequisite2 and an EA credit 1 by incorporating Major Industries translucent glazing panels into the building's natural daylighting requirements.</p> <p>Materials and Resources: It may be possible to obtain MR credits 1.1, 3, 4, and 5 by incorporating Major Industries translucent glazing panels into the building's natural daylighting requirements.</p> <p>Innovaton in design: It may be possible to obtain ID credit 1 by incorporating Major Industries translucent glazing panels into the building's natural daylighting requirements.</p>
<u>COMPANY PROFILE</u>	GREEN PHILOSOPHY	Daylighting has become an integral part of 21st century design and green building practices, and Major is committed to developing the highest quality, most reliable and most advanced daylighting systems available.
	CONTACT	Major Industries Post Office Box 306 Wausau, Wisconsin 54402-0306 Toll-Free: (888) 759-2678 Local: (715) 842-4616 Fax: (715) 848-3336 Email: info@majorskylights.com
<u>MAINTENANCE</u>	AFTER INSTALLATION	Not specified