

## **General Storage Systems Green / LEED® – Toilet Partitions**

General Storage Systems prides itself on utilizing renewable resources with environmentally friendly and state of the art processes in an effort to sustain a healthy and clean environment. In cooperation with this initiative, GSS is pleased to share this information with its customers who participate in the LEED® program.

### **The LEED® Program**

The Canadian Green Building Council (CaGBC) was formed to accelerate the design and construction of Green Buildings across Canada. In doing so it introduced the LEED® Canada-NC 1.0 rating system which was adapted from the USGBC's LEED® -NC® 2.1 and influenced by anticipated changes planned for version 2.2. The Rating System recognizes leading edge buildings that incorporate design, construction and operational practices that combine healthy, high-quality and high-performance advantages with reduced environmental impacts. The LEED® is a points based system which is divided up into 5 categories: Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, and Indoor Environmental Quality.

The Material and Resources category sections MR 4.1-MR 4.2 and MR 5.1-MR 5.2 are the only categories in which General Storage Systems can help attain points for contractors participating the LEED® program.

### **MR Credit 4.1 and Credit 4.2 (Recycled Content)**

Up to 2 credits can be awarded based on the percentage of recycled content of a project. One point is awarded if the recycled content constitutes at least 7.5% (of which 5% is post-consumer, and 2.5% post-industrial) of the total value of the materials in the project. Two points are awarded if the recycled content constitutes at least 15% (10% post-consumer, and 5% post-industrial) of the value of the project.

### **MR Credit 5.1 and Credit 5.2 (Regional Materials)**

Up to 2 credits can be awarded for utilizing materials and products that are manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

One point is awarded if a minimum of 10% the materials are manufactured within an 800km radius of the project site (2400km if shipped by rail or water). The points awarded increases to 2 if the quantity of regional goods exceeds 20% of the entire project.

### **MR Credit 6.0 (Rapidly Renewable Material)**

Rapidly renewable materials are natural, non-petroleum-based building materials (petroleum based materials are non-renewable) that have harvest cycles under 10 years. Such materials include bamboo, straw, cork, natural linoleum products (such as Marmoleum), wool, wheatboard, strawboard, etc. In the LEED® green building rating system, LEED® MR Credit 6.0 states that rapidly renewable materials must be equal to no less than 2.5% of the cost of a building project in terms of value. Additional LEED® MR Credits may be earned for using specific percentages of recycled content, regional materials or a combination.

Up to 2 credits can be awarded if 2.5% of the total value of all building materials used, based on cost, are derived from plants that are harvested within a ten-year cycle or less. This contributes to (MR 6.0 = 1 point)

**EQ Credit 4.4 (Low Emitting Material)**

Up to 2 credits can be awarded if the composite wood and agrifiber products contain no added urea-formaldehyde resins.

General Storage Systems will continually strive to utilize renewable resources by way of the raw materials and manufacturing processes that it incorporates.

LEED® Category	Possible Point Value	Section	Description	Metal	Cardboard Material	Particle Board
Recycled Content	2	MR 4.1/4.2	Post Consumer	50%*	100%	
			Pre-Consumer/Post Industrial	50%*		100%
Local Regional Materials	2	MR 5.1/5.2	Location of Manufacturing	London, Ontario	London, Ontario	London, Ontario
Rapidly Renewable Material	1	MR 6.0	Raw material are derived from plants that are harvested within a ten-year cycle or shorter	No	No	No
Low Emitting Material	1	EQ 4.4	Free of added Urea-Formaldehyde resins	Yes	Yes	No

***\*Percentage of recycled steel content may sometimes vary as low as 25% Post Consumer & Post Industrial depending on the market price of scrap steel.***

LEED® Canada-NC 1.0 requirements outlined above have been provided from the Canada Green Building Council web site. For additional LEED® information, refer to the LEED® Canada internet site [www.cagbc.org](http://www.cagbc.org), or the LEED® USA internet site at [www.usgbc.org](http://www.usgbc.org). Contact General Storage Systems for additional information regarding their cooperation in the LEED® program for a cleaner environment.  
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