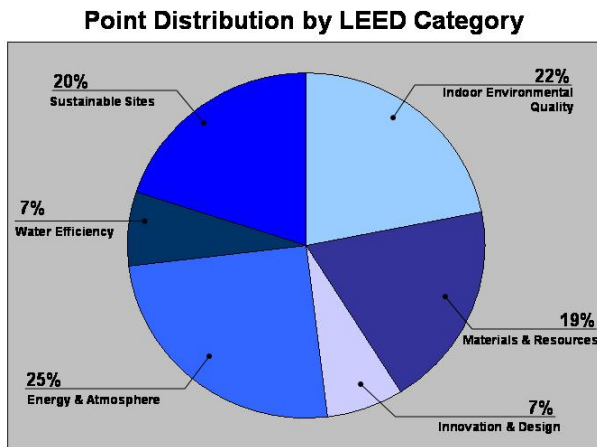


U.S Green Building Council’s LEED program

Developed by the USGBC (U.S. Green Building Council) membership, LEED the Leadership in Energy and Environmental Design Green Building Rating System is a voluntary consensus based national standard for developing high performance sustainable buildings. With well founded and documented scientific information, LEED provides the complete foundation for assessing building performance and meeting sustainability goals over six categories; Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality and Innovation.



There is no exact formula of how to weigh “green” building characteristics or a definition of what “green” building practices are. There is an overall harmony on what constitutes greenness with the approximate value that each of the different attributes would/should receive. It is this solution that LEED certified buildings have founded that finds the balance between economics, environmental and social policy.

It is important to note that LEED certification points are based on the overall building envelope/design/performance. Guardian Fiberglass Products will help in the contribution to the gaining of points in four out of the six LEED categories (for your LEED project):

- *Category 3) Energy and Atmosphere*, with Guardian Fiberglass providing the insulation necessary to reduce the energy needs of your building project.
- *Category 4) Material & Resource – Recycled Content*, with all Guardian Fiberglass insulation products containing 30% post consumer recycled glass and 5% post industrial recycled glass.
- *Category 4) Material & Resource-Local/Regional Materials*, with 5 fully operational Guardian Fiberglass plants

Guardian Fiberglass Products

- **Unfaced Insulation**
- **Attic Guard**
- **Flame Spread 25**
- **Faced Metal Building Insulation**
- **Basement Wall Insulation**
- **Kraft Faced Insulation**
- **Supercube II**
- **ATS System**
- **Purlin Glide FP System**
- **Foil Faced Insulation**
- **Ultra Fit DS**
- **Unfaced Metal Building Insulation**
- **Wall Panel Insulation**
- **Basement Wall Insulation**

located throughout the United States and Canada, our diverse locations may contribute towards the local/regional materials point (s)

- *Category 5) Indoor Environmental Quality*, with many of Guardian’s Fiberglass products certified by GreenGuard as “low emitting products”, Guardian Fiberglass will contribute towards the *low emitting materials* credit
- *Category 6) Innovation & Design* Guardian Fiberglass has many cutting edge technologies in the fiberglass industry that can contribute to the available points in this category. Not to mention some of Guardian Fiberglass innate properties of noise reduction and moisture control.

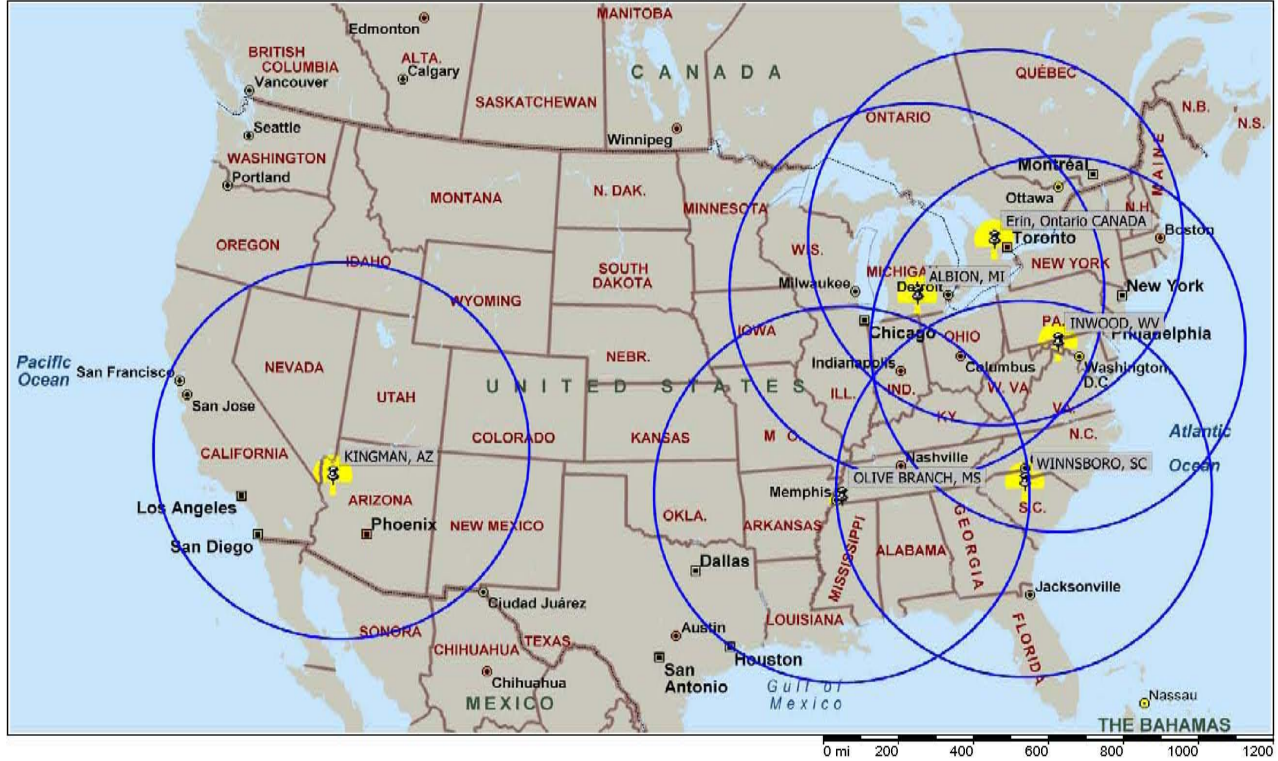
LEED Credit Category	Leed Points available	What Guardian Fiberglass contributes
Energy & Atmosphere	1-10 points depending on percent reduction in energy based on ASHRAE/IESNA Standard 90.1-1999, section 11.	Fiberglass naturally reduces energy needs of your building project
Material & Resource: Recycled Content	1-2 points dependent on post-consumer or post industrial recycled content	All Guardian Fiberglass insulation products contain 30% post consumer recycled glass and 5% post industrial recycled glass.
Material & Resource: Local/Regional Materials	1-2 points dependent on 20% of all materials manufactured regionally within 500-mile radius of the project. Additional point if 50% of all materials are extracted, harvested, or recovered within 500 miles.	With 5 fully operational fiberglass plants located throughout the US and Canada. See sales rep for place of origin.
Innovation & Design Process	1-4 points dependent on effectiveness of innovation being applied	Guardian Fiberglass has many cutting edge technologies that may contribute. See sales rep for details.

Useful Links:

www.usgbc.org

Guardian Fiberglass Manufacturing Locations

Fiberglass Plants



Albion, MI

Mineral Wells, MS

Erin Ont, Canada

Kingman, AZ

Inwood, WV

Winnsboro, SC