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What is LEED?

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

LEED is a third-party certification program and the nationally accepted benchmark for the design and construction of environmentally sound developments and buildings. LEED gives engineers and developers the tools they need to have an immediate and measurable impact. LEED promotes a whole-building and whole-development approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

State and local governments across the country are adopting LEED for private and public-owned and public-funded buildings; there are LEED initiatives in federal agencies, including the Departments of Defense, Agriculture, Energy, and State; and LEED projects are in progress in 41 different countries, including Canada, Brazil, Mexico and India.

LEED Certification Levels

LEED provides a complete framework for assessing building and development performance and meeting sustainability goals. Based on a system of prerequisites and credits, LEED projects earn points during the certification process and then are awarded one of the four certification levels: Certified, Silver, Gold, and Platinum.

StormChamber® systems can help you obtain up to 18 points for LEED Certification in the New Construction (LEED-NC) Category by having post-development hydrology mimic pre-development hydrology and/or with runoff/gray water reuse. Potential points available:

Sustainable Sites – 5 points

Water Efficiency – 5 points

Materials and Resources – 4 points

Innovation and Design Process – 4 points

Sustainable Sites**5 Points**

Credit 2.0	Development Density & Community Connectivity	1
Credit 5.1	Site Development , Protect or Restore Habitat	1
Credit 5.2	Site Development , Maximize Open Space	1
Credit 6.1	Stormwater Design , Quantity Control	1
Credit 6.2	Stormwater Design , Quality Control	1

Water Efficiency**5 Points**

Credit 1.1	Water Efficient Landscaping , Reduce by 50%	1
Credit 1.2	Water Efficient Landscaping , No Potable Use or No Irrigation	1
Credit 2.0	Innovative Wastewater Technologies	1
Credit 3.1	Water Use Reduction , 20% Reduction	1
Credit 3.2	Water Use Reduction , 30% Reduction	1

Materials & Resources**4 Points**

Credit 4.1	Recycled Content , 10% (post-consumer + 1/2 pre-consumer)	1
Credit 4.2	Recycled Content , 20% (post-consumer + 1/2 pre-consumer)	1
Credit 5.1	Regional Materials , 10% Extracted, Processed & Manufactured	1

Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured	1
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Innovation & Design Process - up to 4 pts in this category

4 Points

Credit 1.1	Reduces Thermal Loading	1
Credit 1.2	Reduces Salt Water Intrusion	1
Credit 1.3	Mimic Pre-Development Hydrology	1
Credit 1.4	Helps Maintain Base Flow to Streams & Wetlands	1
Credit 1.5	Provides Land for Higher and Better Use	1
Credit 1.6	Bio-Remediation of Pollutants	1
Credit 1.7	Exceeding Requirements of 6.1	1
Credit 1.8	Exceeding Requirements of 6.2	1
Credit 1.9	Significant Transportation Energy Savings Over Pipe (Typical method of underground stormwater storage) 14 trucks of 48" CMP or HDPE pipe vs 1 truck of StormChamber™ systems	1
Credit 2.0	Significant Transportation Energy Savings Over RCP for Conveyance (Typical method of underground stormwater conveyance)	1
Credit 2.1	Significant Environmental Benefits Over Pipe for Conveyance Partially closed end walls provide peak flow attenuation Open bottom provides for ground water recharge, water quality	1

To learn more about LEED please go to [U.S. Green Building Council](http://www.usgbc.org).