

LEED® RATING SYSTEM WITH LEGALETT AIR HEATED FLOORS AND FOUNDATION SYSTEM

The energy benefits and minimal environmental impacts that LEGALETT systems provide play a significant role in construction projects seeking LEED® certification. To assist building professionals and owners, a table summarizing the potential LEED® points that LEGALETT can contribute is shown below.

In summary, LEED® projects utilizing LEGALETT can contribute up to 17 of the 26 points minimum required to gain LEED® certification.

What is LEED®?

With the growing social awareness to design more energy efficient and environmentally friendly buildings, building professionals and owners, are seeing the benefits of LEED® certification for construction projects.

LEED® (Leadership in Energy & Environmental Design) green building rating system was created by the USGBC (US Green Building Council) in an effort to encourage energy efficient, sustainable and environmentally friendly buildings from design and construction to occupancy. Recently, CaGBC (Canadian Green Building Council) has adopted the LEED® rating system with modifications to suit Canadian climates, construction and design Practices.

Construction projects that have met a certain number of LEED® requirements become LEED® certified by the USGBC or CaGBC. In turn, LEED® certified buildings could add property value, and positive impacts on public health and the environment. Practitioners have also applied LEED® for schools, multi-unit residential buildings and many other building types.

Category	Maximum Points Awarded		LEGALETT	
	LEED® US-NC v2.2	LEED® Canada -NC v1.0	Maximum Points	Reason
Sustainable Sites	14	14	1	Reduced Site Disturbance for slab on grade, no effect on water table, does not kill mature trees
Water Efficiency	5	5		
Energy & Atmosphere	17	17	10	Thermal Mass, R24 Insulation below slab and R10 slab edge allows for complete building envelope, reduced heat loss
Materials & Resource	13	14	5	On-site waste is minimal and can be re-cycled, slab has a long life span and is durable through renovations, regional supply of concrete, stone and rebar
Indoor Environmental Quality	15	15	1	Does not promote mold growth, ventilation and a/c separate systems, reduced HVAC needs
Total LEED® points	64	65	17	

Projects are LEED® certified based on the number of points given under each category with a minimum of 26 points required. For more information about the LEED® green building rating system visit www.usgbc.org or www.cagbc.org