



What is LEED?

Created and operated by the U.S. Green Building Council (USGBC), Leadership in Energy and Environmental Design (LEED) is the most widely used green building rating system in the world, with over 100,000 certified projects. It applies to virtually all building types and provides a framework for healthy, highly efficient, and cost-saving green buildings.

How is LEED organized?

To achieve LEED certification, a project earns points through achieving credits in the categories of carbon, energy, water, waste, transportation, materials, health, and indoor environmental quality. There are several certification levels available, depending on the number of points earned: Certified (40–49 points), Silver (50–59 points), Gold (60–79 points), and Platinum (80+ points).

	Integrative Process	1 pt.		Materials & Resources	13 pts.
	Location & Transportation	16 pts.		Indoor Environmental Quality	16 pts.
	Sustainable Site	10 pts.		Innovation in Design	6 pts.
	Water Efficiency	11 pts.		Regional Priority	4 pts.
	Energy & Atmosphere	33 pts.		Total	110 pts.

For more information, visit [usgbc.org](https://www.usgbc.org)

LEED® v4.1 FOR BUILDING DESIGN AND CONSTRUCTION: NEW CONSTRUCTION			
	Credit	GAF Contribution	Product Details
Sustainable Sites 	Heat Island Reduction	Products with high reflectivity	Products that meet the SRI and SR requirements of LEED: Pavement Coatings <ul style="list-style-type: none"> Initial SR of at least 0.33 See StreetBond® ColorCard Steep-Slope <ul style="list-style-type: none"> Initial and 3-year-aged SRIs of 39 and 32 respectively See GAF Solar Reflective Products and Ratings Low-Slope <ul style="list-style-type: none"> Initial and 3-year-aged SRIs of 82 and 64 respectively See GAF Solar Reflective Products and Ratings
	Protect or Restore Habitat	Vegetated roofs with native or adapted plants that provide habitat	Vegetated Roof Systems <ul style="list-style-type: none"> LiveRoof® Green Roof Outfitters
	Open Space	Extensive or intensive vegetated roofs that are physically accessible	
	Rainwater Management	Products and systems that help retain runoff on site	Extreme TPO manufactured in Gainesville with NSF P151 Rainwater Catchment Certification Vegetated Roof Systems <ul style="list-style-type: none"> LiveRoof® Green Roof Outfitters
Energy and Atmosphere 	Optimize Energy Performance	Products that improve thermal building performance Select products can be used to comply with 2019 Title 24, Part 6 Cool Roof Requirements of the California Code of Regulations	EnergyGuard™ Polyiso Insulation products Select membranes and shingle products that can be used to comply with 2019 Title 24, Part 6 Cool Roof Requirements of the California Code of Regulations
	Renewable Energy Production	On-site renewable energy	The Timberline Solar™ Roofing System
Materials and Resources 	Environmental Product Declarations	Products with EPDs	Products with EPDs can be found at transparencycatalog.com/company/gaf
	Material Ingredient	Products with HPDs or Declare Labels	Declare Labels: Polyiso EnergyGuard™ NH Polyiso EnergyGuard™ NH Barrier Polyiso Insulation EnergyGuard™ NH HD Plus Polyiso Cover Board EnergyGuard™ NH HD Polyiso EnergyGuard™ NH Ultra Polyiso TPO EverGuard Extreme® TPO EverGuard® TPO Roofing System including EverGuard Fleeceback TPO, EnergyGuard NH Polyiso, Olybond500 (Canister) adhesive Health Product Declarations available on HPD Public Repository
	Sourcing of Raw Materials	Recycled Content	GAF EnergyGuard™ Polyiso Insulation: 13–40% GAF EnergyGuard™ NH Polyiso: 13–42% GAF EnergyGuard™ Tapered Polyiso: 13–35% GAF EverGuard® TPO: 4–5% GAF EverGuard Extreme® TPO: 2–4% GAF EverGuard® PVC: 1–7% Certificates available on gaf.ecomedes.com
	Construction & Demo Waste Management	Products with take-back programs	Asphalt shingle recycling program (under development) Commercial Construction Materials Recycling Guide
Indoor Environmental Quality 	Low-Emitting Materials	GREENGUARD Gold	All GAF EnergyGuard™ Polyiso Insulation products (including all thicknesses, facers, densities, tapered and flat, composite, NH and regular) Certificates can be found on spot.ul.com/ or gaf.ecomedes.com

For more information about how GAF products contribute to LEED, visit gaf.ecomedes.com

¹ LEED® — an acronym for Leadership in Energy and Environmental Design™ — is a registered trademark of the U.S. Green Building Council.

² The U.S. Green Building Council (USGBC®) releases quarterly Addenda, or changes to LEED®, that may affect credit requirements. Addenda should be checked by project teams for updates.

³ LEED® v4.1 BD+C (Building Design and Construction) for NC (New Construction) addresses design and construction activities for both new buildings and major renovations. The LEED® credits referenced here may also apply to various other LEED® rating systems.

⁴ This information is for guidance purposes only. All information is subject to change. Contact GAF at gaf.com/designservices for the most up-to-date information.