

LEED® v4 for Building Design and Construction

Homes and Multifamily

Finalized in 2013, the LEED® v4 Green Building Rating System is a set of performance standards for certifying the design and construction of commercial, institutional and high-rise multifamily residential buildings, both public and private. The intent is to promote durable, affordable and sustainable materials and processes during the design, construction and operation of the built environment.

The Rating System includes guides for Homes and Multifamily Low-Rise and Multifamily Mid-Rise.

Prerequisites and Credits in the LEED® v4 Building Design and Construction Rating System address the following Categories:

- Integrative Project Planning and Design or Integrative Process
- Location and Transportation (LT)
- Sustainable Sites (SS)
- Water Efficiency (WE)
- Energy and Atmosphere (EA)
- Materials & Resources (MR)
- Indoor Environmental Quality (EQ)
- Innovation (IN)
- Regional Priority (RP)

Prerequisites and Credits for each of the categories covered in the LEED® Rating System for each building type are project rather than product focused. Therefore it is the cumulative effect of products integrated within building systems and assemblies and evaluated within the parameters of each of the topics that contribute to the points a project accrues during the certification process.

LEED® for Building Design and Construction (BD+C).

Buildings that are new construction or major renovation. In addition, at least 60% of the project's gross floor area must be complete by the time of certification

Homes and Multifamily Low-Rise. Single-family homes and multifamily residential buildings of 1 to 3 stories. Projects 3 to 5 stories may choose the Homes rating system that corresponds to the ENERGY STAR program in which they are participating.

Multifamily Mid-Rise. Multifamily residential buildings of 4 to 8 occupiable stories above grade. The building must have 50% or more residential space. Buildings near 8 stories can inquire with USGBC about using Mid-Rise or New Construction, if appropriate.



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Pub. No. 10018866-A. Printed in U.S.A. December 2013.
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LEED® v4 Credits Guide

HELPING YOU ACHIEVE LEED® CERTIFICATIONS



Low-Rise Single and Multifamily Buildings and Mid-Rise Multifamily Buildings

LEED® v4 for Building Design and Construction (BD+C) Homes and Multifamily Credits Guide for Owens Corning™ Products

Product lists and credit contribution by construction type is featured below. The key details the qualifying construction type(s) for each credit.

KEY

L Low-Rise Homes (single and multifamily)

M Multifamily Mid-Rise

The Owens Corning™ products listed contribute to meeting requirements of the LEED® Rating system for Homes and Multifamily Mid-Rise buildings in the categories identified, however, the use of these products does not guarantee attainment of points or prerequisite compliance, nor are any products certified under the LEED® brand. Call 1-800-GET-PINK® to learn more about how Owens Corning™ products can help you achieve LEED® certification.

	SS		EA							MR			EQ			
	Heat Island Reduction	Non Toxic Pest Control	Minimum Energy Performance	Annual Energy Use	Efficient Hot Water Distribution System	Air Infiltration	Envelope Insulation	Space Heating and Cooling Equipment	Heating and Cooling Distribution Systems	Durability Management	Environmentally Preferable Products	Construction Waste Management	Garage Pollutant Protection	Compartmentalization	Enhanced Compartmentalization	Low-Emitting Products
Prerequisite			EAp1							MRp2			EQp3	EQp7		
Credit Number	SSc1	SSc3		EAc1	EAc2	EAc7	EAc8	EAc10	EAc11		M Rc3	M Rc4			EQc4	EQc7
Insulating Products																
Fiberglas™ Blanket Insulation																
PROPINK® EcoTouch® Fiberglas™ Insulation Thermal Batts & Rolls with PureFiber® Technology, PROPINK® EcoTouch® FastBatt® Insulation with PureFiber® Technology, and EcoTouch® Flame Spread 25 Insulation with PureFiber® Technology			LM	LM			L				LM					LM
Fiberglas™ Loosefill Insulation																
PROPINK® L77 Loosefill Insulation, and AttiCat® Expanding Blown-In Loosefill Insulation			LM	LM			L				LM					LM
Air Sealing/Insulation System																
EnergyComplete® Flexible Foam Sealant with PROPINK® EcoTouch® Fiberglas™ Batt Insulation or PROPINK® L77 Loosefill Insulation		LM	LM	LM			L				LM		LM	LM	LM	LM
Fiberglas™ Acoustic Insulation																
Sonobatts® Glass Fiber Commercial Insulation with PureFiber® Technology, and QuietZone® Acoustic Batts with PureFiber® Technology											LM					LM
Acoustic Wall and Ceiling Finishes																
Room Finishing System™			LM	LM			L				LM					
Mineral Wool Insulation																
Thermafiber® Insulation, SAFB™, FireSpan®, Safing™, UltraBatt™, VersaBoard®, and RainBarrier®			LM	LM			L				LM					
Extruded Polystyrene (XPS) Insulation and Accessories																
FOAMULAR® XPS Roof Insulation Products: Including THERMAPINK®, and DURAPINK®	LM		LM	LM		L	L			L						LM
FOAMULAR® XPS Residential Products: INSULPINK®, INSUL-DRAIN®, PROPINK®, and PINK-DRAIN®			LM	LM		L	L			L						LM
FanFold Underlayment Board, JointSealR®, FlashSealR®, FoamSealR™, TruWrap®, and PINKWRAP®			LM	LM		L	L			L						
HVAC Insulation																
QuietR® Duct Liner Board, QuietR® Textile Duct Liner, QuietR® Rotary Duct Liner, QuietR® Duct Board and QuietZone® Spiral Duct Liner, SoftR® Duct Wrap, and EcoTouch® Insulation for Flexible Ducts			LM	LM		LM			L							LM
Pipe Insulation																
Fiberglas™ Pipe Insulation (ASJ) SSL®I and SSLII®, and VaporWick® Pipe Insulation			LM	LM	LM			L								LM
Roofing & Asphalt Products																
Shingles: TruDefinition® Duration®, TruDefinition® Duration® Designer Color Collection, TruDefinition® Duration MAX®, TruDefinition® Duration STORM®, TruDefinition® Oakridge®, Berkshire®, Woodcrest®, Woodmoor®, TruDefinition® WeatherGuard® HP, Oakridge®, Supreme® and Mineral Surface Roll^{1,2,3}											LM					
Cool Roof Shingles: Shasta White only in TruDefinition® Duration®, Oakridge®, and Supreme®. Duration® Premium Cool Shingles only in Sunrise, Sage, Frosted Oak, and Harbor Fog Colors^{1,2,3}	LM		LM	LM							LM					
Owens Corning Roofing and Asphalt Preferred Contractor Shingle Recycling Program³											LM					
Fiberglas™ Reinforced Felt Underlayment											LM					
WeatherLock® Ice & Water Barrier Products									L	LM						

¹May not be available for all manufacturing locations

²May not be available for all construction job locations

³Available in specific markets