



LEED® v4 CREDITS GUIDE **FOR LOW-RISE SINGLE AND** **MULTI-FAMILY BUILDINGS AND** **MID-RISE MULTI-FAMILY BUILDINGS** **HELPING YOU ACHIEVE** **LEED® CERTIFICATIONS**

LEED® v4 FOR BUILDING DESIGN AND CONSTRUCTION HOMES AND MULTI-FAMILY

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 Multi-family Low-Rise and Multi-family 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	Energy and Atmosphere (EA)
Location and Transportation (LT)	Materials & Resources (MR)
Sustainable Sites (SS)	Indoor Environmental Quality (EQ)
Water Efficiency (WE)	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 Multi-family 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.

Multi-family Mid-Rise. Multi-family 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.

LEED® v4 for Building Design and Construction (BD+C) Homes and Multi-family 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	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
L Low-Rise Homes (single and multifamily)			EAp1							MRp2			EQp3	EQp7		
M Multifamily Mid-Rise	SSc1	SSc3		EAc1	EAc2	EAc7	EAc8	EAc10	EAc11		MRc3	MRc4			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
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FIBERGLAS™ Loosefill Insulation

PROPINK® L77 Loosefill Insulation, and AttiCat® Expanding Blown-In Loosefill Insulation			LM	LM			L				LM					LM
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Air Sealing/Insulation System

EnergyComplete® Sealant with PROPINK® EcoTouch® FIBERGLAS™ Batt Insulation or PROPINK® L77 Loosefill Insulation		LM	LM	LM			L				LM		LM	LM	LM	LM
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FIBERGLAS™ Acoustic Insulation

Sonobatts® Glass Fiber Commercial Insulation with PureFiber® Technology, and QuietZone® Acoustic Batts with PureFiber® Technology											LM					LM
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Acoustic Wall and Ceiling Finishes

Room Finishing System™			LM	LM			L				LM					
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MINERAL WOOL INSULATION

Thermafiber® Insulation, SAFB™, FireSpan®, Safing™, UltraBatt™, VersaBoard®, and RainBarrier®			LM	LM			L				LM					
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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® 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
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PIPE INSULATION

FIBERGLAS™ Pipe Insulation (ASJ Max witht SSL Max; ASJ with SSLII®) and VaporWick® Pipe Insulation			LM	LM	LM			L								LM
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ROOFING & ASPHALT PRODUCTS

Shingles: TruDefinition® Duration®, TruDefinition® Duration® Designer Colors Collection, TruDefinition® Duration MAX®, TruDefinition® Duration STORM®, TruDefinition® Oakridge®, Berkshire®, Woodmoor® & Woodcrest®, TruDefinition® WeatherGuard® HP, Oakridge®, and Supreme® ^{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				
Owens Corning Roofing and Asphalt Preferred Contractor Shingle Recycling Program ³												LM				
FIBERGLAS™ Reinforced Felt Underlayment											LM					



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