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.

Owens Corning
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.

Category / Product	SS Heat Island Reduction	SS Non Toxic Pest Control	EA Minimum Energy Performance	EA Annual Energy Use	EA Efficient Hot Water Distribution System	EA Air Infiltration	EA Envelope Insulation	EA Space Heating and Cooling Equipment	EA Heating and Cooling Distribution Systems	Durability Management	MR Environmentally Preferable Products	MR Construction Waste Management	EQ Garage Pollutant Protection	EQ Compartmentalization	EQ Enhanced Compartmentalization	EQ Low-Emitting Products
Prerequisite			EAp1							MRp2			EQp3	EQp7		
Credit Number	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, **PRO**PINK® 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® Sealant with **PRO**PINK® EcoTouch® FIBERGLAS™ Batt Insulation or **PRO**PINK® 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®, **PRO**PINK®, AND PINK-DRAIN®			LM	LM		L	L			L						LM
FanFold Underlayment Board, JointSealR®, FlashSealR®, FoamSealR™, TruWrap®, and PINK*WRAP*®			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
Pipe Insulation																
FIBERGLAS™ Pipe Insulation (ASJ Max witth SSL Max; ASJ with SSLII®) and VaporWick® Pipe Insulation			LM	LM	LM			L								LM
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					

[1]May not be available for all manufacturing locations   [2]May not be available for all construction job locations   [3]Available in specific markets