

UNITED STATES

LEED® 2009 Green Building Rating System

In 2009, the USGBC introduced LEED v3, which is made up of three parts: LEED 2009 (advancements to the LEED Rating Systems), a new LEED Online, and a new building certification model. The LEED 2009 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 and construction of the built environment. The Rating System includes products for New Construction & Major Renovations, Core & Shell Development, Existing Buildings, Operations & Maintenance, Schools and Commercial Interiors.

The LEED Pilot Credit Library is a rating system development tool designed to encourage testing of new and revised LEED credit language, alternative compliance paths, and new or innovative green building technologies and concepts. Project teams that are interested in participating in the pilot test of a credit are required to register for Pilot Credit and submit feedback and documentation.

Prerequisites and Credits in the LEED 2009 Green Building Rating System Address Seven Topics in addition to Pilot Credits:

- Sustainable Sites (SS)
- Water Efficiency (WE)
- Energy & Atmosphere (EA)
- Materials & Resources (MR)
- Indoor Environmental Quality (IEQ)
- Innovation & Design Process (ID)
- Regional Priority (RP)
- Pilot Credits (PC)

Prerequisites and Credits for each of the Seven Topics covered in the LEED Rating System products, 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.



Owens Corning LEED® 2009 Credits Guide

HELPING YOU ACHIEVE LEED CERTIFICATIONS



COMMERCIAL, INSTITUTIONAL & HIGH-RISE RESIDENTIAL BUILDINGS



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Owens Corning products contribute to many LEED 2009 credits. A product listing, including qualifying credits and construction type, is featured below. The key below details the qualifying construction type(s) for each credit.

- ALL** – Qualifies for ALL construction categories
A – New Construction & Major Renovations
B – Core and Shell Development
C – Schools
D – Existing Buildings: Operations and Maintenance
E – Commercial Interiors

	SS							EA			MR			IEQ							ID	PC					
	Protect & Restore Open Habitat	Protect & Restore Habitat	Maximize Open Space	Stormwater Design Quantity Control	Stormwater Design Quantity Control	Stormwater Design Quality Control	Heat Island Effect	Minimum Energy Performance	Optimize Energy Performance	Optimize Energy Perf. (HVAC)	Materials Reuse	Construction Waste Management	Recycled Content ¹	Regional Materials ²	Low-Emitting Materials	Controlability of Systems	Controlability of Systems	Thermal Comfort	Thermal Comfort	Minimum Acoustical Performance	Enhanced Acoustical Performance	Mold Prevention	Innovation/Exemplary Performance	Acoustics	Certified Products	MR Environmentally Preferable Non-Structural Products and Materials	
PRE-REQUISITE								2																			
CREDIT	5	5.1	5.2	6	6.1	6.2	7.2		1	1.3	3	2	4	5	4.6	6	6.2	7	7.1	3	9	10	1	24	43	52	
Insulating Products																											
<i>Fiberglas™ Blanket Insulation:</i>																											
EcoTouch® PINK® Fiberglas™ Thermal Batts & Rolls with PureFiber® Technology, PROPINK FastBatt® Insulation with PureFiber® Technology, EcoTouch® Flame Spread 25 Insulation with PureFiber® Technology																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL		ALL	ALL	
<i>Fiberglass Loosefill Insulation:</i>																											
AttiCat® Expanding Blown-In Loosefill Insulation, PROPINK Complete™ Blown-In Insulation, PROPINK® L77 Loosefill Insulation																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
<i>Air Sealing/Insulation System:</i>																											
EnergyComplete™ Flexible Foam Sealant & EcoTouch® PINK® Fiberglas™ Insulation with PureFiber® Technology or PROPINK® Loosefill Insulation																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
<i>Fiberglas™ Acoustic Insulation:</i>																											
Sonobatts® Glass Fiber Commercial Insulation with PureFiber® Technology, QuietZone® Acoustic Batts with PureFiber® Technology																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
Sound Attenuation Batts with PureFiber® Technology																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
<i>Acoustic Wall and Ceiling Finishes:</i>																											
CONWED Designscape® & Wall Technology Architectural Acoustic Wall and Ceiling Solutions																											
														ACE	ACE						C	C	C	ALL	AE		
Room Finishing System™																											
								ALL	ALL								B	ABCE			C	C		ALL	AE		
<i>Foam Insulation:</i>																											
FOAMULAR® XPS Roof Insulation Products: Including THERMAPINK® & DURAPINK®																											
	D	ABC	ABC	D	ABC	ABC	ABCD	ALL	ALL		ABC		ABC	ABCE	C			B	ACE			C	ALL		ALL	ALL	
FOAMULAR® XPS Commercial Insulation Products: Including Cavity Wall (CW/CW PLUS), INSULPINK®, INSUL-DRAIN®, PROPINK®																											
								ALL	ALL		ABC		ABC	ABCE	C			B	ACE		AC	C	ALL	AE	ALL	ALL	
FanFold Underlayment Board, Flashing Tape, FoamSealR™ Gasket & House Wrap																											
								ALL	ALL								B	ACE			C	ALL		ALL	ALL		
<i>HVAC Insulation:</i>																											
SoftR® Duct Wrap FRK																											
								ALL	ALL	ALL			ABCE	ABCE	C			B	ACE			C	ALL		ALL	ALL	
QuietR® Duct Liner Board, QuietR® Textile Duct Liner, QuietR® Rotary Duct Liner, QuietR® Duct Board & QuietZone® Spiral Duct Liner, Flexible Duct with EcoTouch® Insulation																											
								ALL	ALL	ALL			ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
<i>Pipe & Equipment Insulation:</i>																											
Fiberglas™ Pipe Insulation with Evolution™ Paper-Free All Service Jacket (ASJ), Fiberglas™ SSLI® & SSLI I® Pipe Insulation with ASJ, VaporWick® Pipe Insulation																											
								ALL	ALL				ABCE	ABCE	C			B	ACE			C	ALL		ALL	ALL	
Fiberglas™ “No Wrap” Pipe Insulation, Fiberglas™ Pipe and Tank Insulation, Fiberglas™ FLEXWRAP® Pipe and Tank Insulation																											
								ALL	ALL								B	ACE			C	ALL		ALL			
Fiberglas™ 700 Series, Fiberglas™ Insul-Quick® Insulation, Fiberglas™ TIW Type I and Type II, Fiberglas™ SCR Board, Curtain Wall (CW-225) Insulation																											
								ALL	ALL				ABCE	ABCE				B	ACE			C	ALL	AE	ALL		
<i>Metal Building Insulation:</i>																											
Certified R Metal Building Insulation, Certified R Metal Building EcoTouch® Insulation with PureFiber® Technology, Metal Building Utility Blanket, Metal Building Utility Blanket with EcoTouch® Insulation with PureFiber® Technology, MBI Plus Metal Building Insulation																											
								ALL	ALL				ABCE	ABCE	C			B	ACE	C	C	C	ALL	AE	ALL	ALL	
Roofing & Asphalt Products																											
<i>Shingles:</i> Berkshire® Collection Shingles, Classic® Shingles, Duration® & Duration® Premium Shingles, Oakridge® Shingles, Supreme® Shingles, & WeatherGuard® HP Shingles																											
													ABC	ABC									ALL				
<i>Shingles:</i> Shasta White Only in Classic® Shingles, Supreme® Shingles, Duration® Shingles & Oakridge® Shingles Duration® Premium Cool Shingles only in Sunrise, Frosted Oak and Harbor Fog Colors																											
							ABCD	ABCD	ABCD																ALL		
<i>Hip & Ridge Shingles:</i> DecoRidge® Hip & Ridge in Sunrise, Harbor Fog, Sage, Frosted Oak, and Shasta White, and High Ridge, RIZERidge® Hip & Ridge and Perforated Hip & Ridge in Shasta White only																											
								ABCD	ABCD														ALL				
Owens Corning™ Roofing & Asphalt Preferred Contractor Shingle Recycling Program ³																											
												ABCD															
VentSure® Ventilation Products ⁴																											
								ABCD					ABC					B	ACE			C	ALL				
Fiberglas™ Reinforced Felt and DECK DEFENSE® Underlayment																											
													ABC										ALL				
WeatherLock® Ice & Water Barrier Products																											
													ABC										ALL				

¹May not be available for all manufacturing locations

²May not be available for all construction job locations

³Available in specific markets.

⁴Call 1-800-GET-PINK® for qualifying VentSure® Ventilation Products