



**LEED® v4 CREDITS GUIDE  
FOR COMMERCIAL,  
INSTITUTIONAL AND HIGH-RISE  
RESIDENTIAL BUILDINGS  
HELPING YOU ACHIEVE  
LEED® CERTIFICATIONS**

# LEED® v4 FOR BUILDING DESIGN AND CONSTRUCTION

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 New Construction, Core & Shell, Schools, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality and Healthcare.

**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 (except for LEED® BD+C: Core and Shell).

## **Building Types**

**New Construction and Major Renovations.** New construction or major renovation of buildings that do not primarily serve K-12 educational, retail, data centers, warehouses and distribution centers, hospitality, or healthcare uses. New construction also includes high-rise residential buildings 9 stories or more.

**Core and Shell Development.** Buildings that are new construction or major renovation for the exterior shell and core mechanical, electrical, and plumbing units, but not a complete interior fit-out. LEED® BD+C: Core and Shell is the appropriate rating system to use if more than 40% of the gross floor area is incomplete at the time of certification.

**Schools.** Buildings made up of core and ancillary learning spaces on K-12 school grounds. LEED® BD+C: Schools may optionally be used for higher education and non-academic buildings on school campuses.

**Retail.** Buildings used to conduct the retail sale of consumer product goods. Includes both direct customer service areas (showroom) and preparation or storage areas that support customer service.

**Data Centers.** Buildings specifically designed and equipped to meet the needs of high density computing equipment such as server racks, used for data storage and processing. LEED® BD+C: Data Centers only addresses whole building data centers (greater than 60%).

**Warehouses and Distribution Centers.** Buildings used to store goods, manufactured products, merchandise, raw materials, or personal belongings, such as self-storage.

**Hospitality.** Buildings dedicated to hotels, motels, inns, or other businesses within the service industry that provide transitional or short-term lodging with or without food.

**Healthcare.** Buildings that serve individuals who seek medical treatment, including licensed and federal inpatient care facilities, licensed and federal outpatient care facilities, and licensed and federal long-term care facilities. May optionally be used for buildings with other kinds of medically-related uses, such as unlicensed outpatient facilities, medical, dental and veterinary offices and clinics, assisted living facilities and medical education & research centers.

# LEED® V4 FOR BUILDING DESIGN AND CONSTRUCTION (BD+C) 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

ALL	Qualifies for ALL construction categories	C	Schools	F	Warehouses and Distribution Centers
A	New Construction & Major Renovations	D	Retail	G	Hospitality
B	Core and Shell Development	E	Data Centers	H	Healthcare

The Owens Corning® products listed contribute to meeting requirements of the LEED® Rating system 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.

Prerequisite								2										3		
Credit	5	5.1	5.2	6	6.1	6.2	7.1/7.2		1	1.3	2	3	4	5	4.6	7	7.1		9	10

## 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								ALL	ALL				ABCE	ABCE	C	B	ACE	C	C	C
FIBERGLAS™ Loosefill Insulation																				
PROPINK® L77 Loosefill Insulation, and AttiCat® Expanding Blown-In Loosefill Insulation								ALL	ALL				ABCE	ABCE	C	B	ACE	C	C	C
Air Sealing/Insulation System																				
EnergyComplete® Sealant, and PROPINK® EcoTouch® FIBERGLAS™ Insulation with PureFiber® Technology or PROPINK® L77 Loosefill Insulation								ALL	ALL				ABCE	ABCE	C	B	ACE	C	C	C
FIBERGLAS™ Rigid and Semi-Rigid Insulation																				
FIBERGLAS™ 700 Series, FIBERGLAS™ Insul-Quick® Insulation, FIBERGLAS™ TIW Type I and Type II, FIBERGLAS™ SCR Board, and Curtain Wall (CW-225) Insulation								ALL	ALL				ABCE	ABCE		B	ACE			C
FIBERGLAS™ Acoustic Insulation																				
Sonobatts® Glass Fiber Commercial Insulation with PureFiber® Technology, and QuietZone® Acoustic Batts with PureFiber® Technology													ABCE	ACE	C			C	C	
Sound Attenuation Batts with PureFiber® Technology								ALL	ALL				ABCE		C	B	ACE	C	C	C
Acoustic Wall and Ceiling Finishes																				
CONWED Designscape®													ACE	ABCE				C	C	C
Room Finishing System™								ALL	ALL									C	C	
Mineral Wool Insulation																				
Thermafiber® Insulation, SAFB™, UltraBatt™, VersaBoard®, and RainBarrier®								ALL	ALL				ABCE	ABCE		B	ACE	C	C	C
Thermafiber® Insulation, FireSpan®, Safing™								ALL	ALL				ABCE	ABCE				C	C	C
Extruded Polystyrene (XPS) Insulation and Accessories																				
FOAMULAR® XPS Roof Insulation Products: Including THERMAPINK®, and DURAPINK®	D	ABC	ABC	D	ABC	ABC	ABCD	ALL	ALL		ABCD	ABC	ABC	ABCE	C	B	ACE			C
FOAMULAR® XPS Commercial Insulation Products: Including Cavity Wall (CW/CW PLUS), InsulPink®, INSUL-Drain®, and PROPINK®								ALL	ALL		ABCD	ABC	ABC	ABCE	C	B	ACE		C	C
FanFold Underlayment Board, JointSealR®, FlashSealR®, FoamSealR™, TruWrap®, and PINKWRAP®								ALL	ALL							B	ACE			C
HVAC Insulation																				
SoftR® Duct Wrap								ALL	ALL	ALL			ABCE	ABCE	C	B	ACE			C
QuietR® Duct Liner Board, QuietR® Rotary Duct Liner, QuietR® Duct Board and QuietZone® Spiral Duct Liner, and EcoTouch® Insulation for Flexible Ducts								ALL	ALL	ALL			ABCE	ABCE	C	B	ACE	C	C	C
Pipe & Equipment Insulation																				
FIBERGLAS™ Pipe Insulation (ASJ Max with SSL Max; ASJ with SSLII®) and VaporWick® Pipe Insulation								ALL	ALL				ABCE	ABCE	C	B	ACE			C
FIBERGLAS™ “No Wrap” Pipe Insulation, FIBERGLAS™ Pipe, and Tank Insulation								ALL	ALL				ABCE	ABCE		B	ACE			C
FIBERGLAS™ FlexWrap® Pipe, and Tank Insulation								ALL	ALL							B	ACE			C
Metal Building Insulation																				
EcoTouch® Insulation for Certified R Metal Building, EcoTouch® Insulation for Metal Building Utility Blanket, and EcoTouch® Insulation for MBI Plus Metal Building								ALL	ALL				ABCE	ABCE	C	B	ACE	C	C	C

## 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®, Supreme® and Mineral Surface Roll <sup>1,2,3</sup>											ABCD		ABC	ABC						
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 <sup>1,2,3</sup>							ABCD				ABCD									
Owens Corning Roofing and Asphalt Preferred Contractor Shingle Recycling Program <sup>3</sup>											ABCD									
VentSure® Ventilation Products <sup>4</sup>																				C
VentSure® Low Profile Slant Back Vent with/without Exterior Louver													ABC							C
FIBERGLAS™ Reinforced Felt Underlayment													ABC							
WeatherLock® Ice & Water Barrier Products													ABC							



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