



LEED[®] Solutions with CertainTeed

LEED 2009
vs LEED v4
Comparison
Guide

A modern office lounge area with a curved ceiling and large windows. The room features several orange and red armchairs, a white sofa, and a small table. The walls are white, and the floor is a light-colored carpet. The lighting is warm and ambient.

Transparency: An Inside Look at LEED v4

As of October 31, 2016, Leadership in Energy and Environmental Design (LEED) confirmed that all new LEED-certified projects are required to register under LEED v4, the newest and most stringent version of LEED. The goal of LEED v4 is to move the green building industry forward and to continue to drive sustainability, innovation, and reductions in environmental impact.

There are currently over 82,000 LEED building projects located in over 162 countries and territories, encompassing more than 15.7 billion square feet of building space.

USGBC.org, Benefits of Green Building, 1 April 2016

How are EPDs and HPDs affected by LEED v4?

One key update in LEED v4 is the **Building Product Disclosure and Optimization credits for Environmental Product Declarations and Material Ingredients**. These credits encourage transparency documents such as Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs). Under LEED v4, you must use a minimum of 20 permanently-installed products from 5 different manufacturers with EPDs or HPDs to achieve this credit. Industry-wide EPDs count for only 1/2 of a product, while product-specific EPDs, such as **CertainTeed's Type X, AirRenew or Easi-Lite drywall EPDs count as 1 full product each, making it easier and faster to reach the 20 product minimum.**

LEED 2009 BD+C: New Construction

Pilot Credit 52 – Materials Multi-Attribute Assessment
Environmental Product Declarations
 (1 point)

Use at least 20 different permanently-installed products sourced from at least 5 different manufacturers

Pilot Credit 76 – Material Ingredient Reporting
Health Product Declarations
 (1 Point)

Use at least 20 different permanently-installed products from at least 5 different manufacturers that use a program to demonstrate the chemical inventory of the product to at least 0.1%

LEED v4 BD+C: New Construction

MR Credit 2: Building Product Disclosure and Optimization – Environmental Product Declarations
Option 1. Environmental Product Declaration
 (1 point)

- Industry-wide (Generic) EPDs count as 1/2 a product
- Product-specific Type III EPDs, like CertainTeed's, count as 1 product

MR Credit 4: Building Product Disclosure and Optimization – Material Ingredients
Option 1. Material Ingredient Reporting
 (1 Point)

- Health Product Declaration

CertainTeed Gypsum, Insulation and Ceilings provide total product transparency with our product-specific EPDs and HPDs.

	Product-specific EPDs	Product-specific HPDs
Gypsum	Easi-Lite® Lightweight Board Type X Board M2Tech® and M2Tech® Type X Board AirRenew® Essential and Type X Board AirRenew® M2Tech® Type X Gypsum Board	Paper Faced Gypsum Board Type X and Type C Gypsum Board M2Tech® Gypsum Board SilentFX® Quick Cut™ Gypsum Board AirRenew® Essential Gypsum Board AirRenew® M2Tech® Gypsum Board GlasRoc Sheathing Family
Insulation	Duct Wrap Insulation, Blanket Insulation, Sustainable Insulation, Blowing Wool	Sustainable Insulation Blowing Wool
Ceilings	Cashmere® and Fine Fissured High NRC School Board, Directional Fissured, Baroque Fine Fissured, Vantage 10 and Sand Micro™ Protectone™ Products VOC Compliant Symphony® f Symphony® m	Cashmere® and Fine Fissured High NRC School Board, Directional Fissured, Baroque Fine Fissured, Vantage 10 and Sand Micro™ Protectone™ Products Gyptone® VinylShield™ VinylRock™

Making LEED achievable with CertainTeed Gypsum Products

Some LEED 2009 credits have combined or completely changed, creating new LEED v4 credits.

The following chart details how CertainTeed Gypsum's portfolio of products can contribute to credits for both LEED 2009 and LEED v4 standards.

	LEED 2009		LEED v4	
	CREDIT	POINTS	CREDIT	POINTS
SilentFX® QuickCut™	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
	IEQpc24: Acoustics	1	EQ9: Acoustic Performance	1
Easi-Lite™	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc52: Material Multi-Attribute Assessment***	1	MR2: Building Product Disclosure and Optimization – Environmental Product Declarations: Option 1***	1
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
CertainTeed Type X	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc52: Material Multi-Attribute Assessment***	1	MR2: Building Product Disclosure and Optimization – Environmental Product Declarations: Option 1***	1
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
GlasRoc® Sheathing GlasRoc® Shaftliner	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1

	LEED 2009		LEED v4	
	CREDIT	POINTS	CREDIT	POINTS
Habito™	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
CertainTeed Type C	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
M2Tech® Shaftliner M2Tech® M2Tech® Type X Extreme Abuse Extreme Impact	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc52: Material Multi-Attribute Assessment*****	1	MR2: Building Product Disclosure and Optimization – Environmental Product Declarations: Option 1*****	1
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR4: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
AirRenew® Essential AirRenew® M2Tech® AirRenew® M2Tech® Type X	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc52: Material Multi-Attribute Assessment****	1	MR2: Building Product Disclosure and Optimization – Environmental Product Declarations: Option 1****	1
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR2: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3
All other CertainTeed Paper Faced Gypsum Board	MR2: Construction Waste Management*	1-2	MR3: Building Product Disclosure and Optimization – Sourcing of Raw Material: Option 2	1-2
	MR4: Recycled Content	1-2		
	MR5: Regional Materials**	1-2		
	MR2: Construction Waste Management	1-2	MR5: Construction and Demolition Waste Management	1-2
	Pilot Credit MRpc76: Material Ingredient Reporting	1	MR2: Building Product Disclosure and Optimization – Material Ingredients: Option 1	1
	IEQ4.6: Low-Emitting Materials	1	EQ2: Low-Emitting Materials	1-3

**Depending on plant location

***Manufactured in Carrollton, Roxboro, Moundville, Seattle, Vancouver, Montreal and Toronto

**** Manufactured in Moundville

***** M2Tech® and M2Tech® Type X manufactured in Montreal



Saint-Gobain: A Living Laboratory for LEED

The new Saint-Gobain and CertainTeed North American headquarters is a leading example of green and healthy buildings, achieving LEED Platinum for both the commercial interiors and the core and shell. The 277,000-square-foot headquarters underwent a renovation to transform the site into a showcase for Saint-Gobain and its subsidiary, CertainTeed Corporation. The headquarters maximizes the comfort and health of employees through the use of more than 50 of Saint-Gobain's building materials that improve air quality, moisture management, acoustics, energy efficiency, thermal management and product transparency.

To learn more visit www.livinglaboratory.com and book a tour.



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20 Products contributing to Pilot Credit 52 in Saint-Gobain Headquarters

ASSA ABLOY®	McKinney® Door Hinge, Norton® 7500 Series Door Closer, Rockwood K1050 Kick Plate
ASSA ABLOY® SARGENT® Manufacturing	8200 Series Electromechanical EcoFlex® Mortise Electrified, 8200 Series Mortise Lock, SARGENT® Exit 80 Series Mechanical
CertainTeed	Symphony <i>m</i> (Mineral Board), Echophon Focus DS (Fiberglass), Echophon Solo Hexagon (Fiberglass), Type X Gypsum Wallboard, Unfaced Batt Insulation
DalTile Corporation®	Quarry™ Base (TS & EPD), Paver Surface™ Quarry
Forbo® Flooring Systems	Marmoleum™ Fresco
Interface®	Modular Carpet on GlasBac®
Knoll®	Generation Chairs
Mannington® Commercial	Boucle Infinity® Modular
Milliken Solutions®	Dyed Carpet
Mohawk® Group	EcoFlex™ ICT Modular Carpet Tiles
Mosa®	Floor Tiles
nora® systems GmbH	norament® 926

For information on how CertainTeed Gypsum products can contribute to different green building projects, contact your local sales rep or visit www.certainteed.com/drywall/sustainability.

AIA ACCREDITED CEUs

Our breadth of CEU course offerings provides the credits you need, as well as the knowledge and skills to help you specify smarter. **Contact your local CertainTeed sales representative or visit www.certainteed.com/architects-ceus and view our extensive accredited webinars, 24/7 online courses and request a lunch and learn at your office.**



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