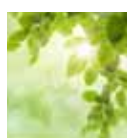




LEED v4 - There are changes on how KEENE products contribute toward points for LEED project certification.



How Keene can Help You Achieve **LEED® Credits**



LEED®, or Leadership in Energy & Environmental Design, is a green building

certification program that provides a national rating system for developing sustainable building designs and construction.

LEED v4 BD+C (Building Design + Construction)

→ **MR Credit 3:** 1-2 points
(Material & Resources)
Building Product Disclosure and Optimization - Sourcing of Raw Materials

Locally sourced materials and recycled content are now combined in 2 options:

1. Raw Material Source and Extraction Reporting (1 point)
2. Leadership Extraction Practices (1 point)

Comparison Chart

Material & Resources - Prerequisites & Credits in LEED 2009 & LEED v4

LEED 2009 New Construction & Major Renovations			LEED v4 BD+C: Building Design + Construction		
MRp1	Storage & collection of recyclables	Required	Prereq	Storage & collection of recyclables	Required
MRc1.1	Building reuse - maintain existing walls, floors and roof	Up to 3 points	Prereq	Construction & demolition waste management planning	Required
MRc1.2	Building reuse - maintain interior nonstructural elements	1 point	Credit	Building life-cycle impact reduction	Up to 2 points
MRc2	Construction waste management	Up to 2 points	Credit	Building product disclosure & optimization - environmental product declarations*	Up to 2 points
MRc3	Materials reuse	Up to 2 points	Credit	Building product disclosure & optimization - sourcing of raw materials	Up to 2 points
MRc4	Recycled content	Up to 2 points	Credit	Building product disclosure & optimization - material ingredients	Up to 2 points
MRc5	Regional materials	Up to 2 points	Credit	Building life-cycle impact reduction recyclables	Up to 2 points
MRc6	Rapidly renewable materials	1 point	*If products meeting criteria for this credit are also locally sourced (extracted, manufactured, and purchased within 100 miles of the project site) they are valued at 200% of actual cost for purposes of credit calculation.		
MRc7	Certified wood	1 point			

Source: USGBC, LEED credit library: <http://www.usgbc.org/credits/new-construction/v4/material-%26-resources>

MR Credit 3:

(Material & Resources)

Recycled Content

Product	Thickness	Recycled Content	Pre-Consumer Content	Post-Consumer Content
Quiet Qurl®	0.13 in. / 3.0 mm	up to 40%	35%	5%
	0.25 in. / 6.0 mm	up to 40%	35%	5%
	0.40 in. / 10.0 mm	up to 40%	35%	5%
	0.75 in. / 19.0 mm	up to 40%	35%	5%
QQ Step Soft™	1.0 mm – 15.0 mm	up to 90%	—	90%
Driwall™	0.13 in. / 3.8 mm	up to 40%	40%	—
	0.25 in. / 6.0 mm	up to 40%	40%	—
	0.40 in. / 10.9 mm	up to 40%	40%	—
	0.75 in. / 19.0 mm	up to 40%	40%	—

Manufactured in Euclid, Ohio.

→ **EQ Credit 9:** 1-2 points
(Indoor Environmental Quality)
Acoustic Performance

Acoustic Performance has its own credit that requires a specific STC value based upon what type of room is being built, or your local building code, whichever is more stringent.

Please refer to this chart for the list of Sound Transmission Class (STC) ratings for adjacent spaces.

→

**Maximum Composite Sound
Transmission Class Ratings for Adjacent Spaces**

Adjacency Combinations		STC
Residence (within a multifamily residence) hotel or motel room	Residence, hotel or motel room	55
Residence, hotel or motel room	Common hallway, stairway	50
Residence, hotel or motel room	Retail	60
Retail	Retail	50
Standard office	Standard office	45
Executive office	Executive office	50
Conference room	Conference room	50
Office, conference room	Hallway, stairway	50
Mechanical equipment room	Occupied area	60



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