



Pella Product Contribution Summary

LEED 2009 (v.3) Credit Categories

LEED Environmental Category*		Maximum Possible Points**			
Credit Category	Title	NC	Schools	CS	
EA	Energy & Atmosphere	35	33	37	
	EA Prerequisite 2	Minimum Energy Performance	Yes	Yes	Yes
	EA Credit 1	Optimize Energy Performance	19	19	21
Possible EA points Pella products can help you achieve:		19	19	21	
MR	Materials & Resources	14	13	13	
	MR Credit 2	Construction Waste Management	2	2	2
	MR Credit 4	Recycled Content	2	2	2
	MR Credit 5	Regional Materials	2	2	2
	MR Credit 7 (CS MR Credit 6)	Certified Wood	1	1	1
Possible MR points Pella products can help you achieve:		7	7	7	
IEQ	Indoor Environmental Quality	15	23	12	
	IEQ Prerequisite 1	Minimum Indoor Air Quality Performance	Yes	Yes	Yes
	IEQ Credit 2	Increased Ventilation	1	1	1
	IEQ Credit 6.1	Controllability of Systems - Lighting	1	1	N/A
	IEQ Credit 6.2	Controllability of Systems - Thermal Comfort	1	1	1
	IEQ Credit 7.1	Thermal Comfort - Design	1	1	1
	IEQ Credit 8.1	Daylight and Views - Daylight	1	3	1
	IEQ Credit 8.2	Daylight and Views - Views	1	1	1
	IEQ Credit 9	Enhanced Acoustical Performance	N/A	1	N/A
Possible IEQ points Pella products can help you achieve:		6	9	5	
ID	Innovation in Design	5	4	5	
	ID Credit 1	Innovation in Design	5	4	5
Possible ID points Pella products can help you achieve:		5	4	5	
RP	Regional Priority	4	4	4	
	RP Credit 1	Regional Priority	4	4	4
Possible RP points Pella products can help you achieve:		4	4	4	
Total possible points Pella products can help you achieve		41			

*Source: LEED Reference Guide for Green Building Design and Construction - 2009 Edition (www.usgbc.org)

** NC = New Construction, CS = Core & Shell





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EA Energy & Atmosphere

EA Prerequisite 2

Minimum Energy Performance

Prerequisite Intent: To establish the minimum level of energy efficiency for the proposed building and systems to reduce environmental and economic impacts associated with excessive energy use.

How Pella products can help you achieve the credit points: Pella windows are highly energy efficient with Total unit U-values as low as 0.25 and air infiltration rates as low as 0.05 cfm/sq. ft.. Plus, most vent windows are tested for air infiltration when manufactured. Additionally, total-unit Solar Heat Gain Coefficients (SHGC) as low as 0.15 are available.

EA Credit 1

Optimize Energy Performance

Credit Intent: To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

How Pella products can help you achieve the points: Pella windows are highly energy efficient with Total unit U-values as low as 0.26 and air infiltration rates as low as 0.05 cfm/sq. ft.. Plus, most vent windows are tested for air infiltration when manufactured. Additionally, total-unit Solar Heat Gain Coefficients (SHGC) as low as 0.16 are available.

MR Materials & Resources

MR Credit 2

Construction Waste Management

Credit Intent: To divert construction and demolition debris from disposal in landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.

Pella packages its product with cardboard and plastic stretchwrap which are fully recyclable. In addition, labels and other paper documents attached to the product or its packaging can be recycled.

MR Credit 4

Recycled Content

Credit Intent: To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin material.

How Pella products can help you achieve the points: Some Pella windows contain up to 12.5% pre-consumer/post-industrial recycled content, primarily in the aluminum cladding and the glass glazing.

MR Credit 5

Regional Materials

Credit Intent: To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

How Pella products can help you achieve the points: Pella wood windows and doors are manufactured at 5 locations in Iowa. Any project within a 500-mile radius of these locations may qualify for this credit. For example, this would include projects in Chicago, Indianapolis, Oklahoma City, Kansas City, St. Louis, Cincinnati, Milwaukee, Minneapolis, etc. Pella Impervia products are manufactured in Murray, KY. Any projects in Atlanta, New Orleans, Oklahoma City, Chicago, Detroit, Charleston WV, Roanoke, Charlotte and Tallahassee may be eligible.

MR Credit 7

Certified Wood

Credit Intent: To encourage environmentally responsible forest management.

How Pella products can help you achieve the points: Pella Corporation has been certified for Forest Stewardship Council's Chain-of-Custody by Scientific Certification Systems (SCS-COC-002711). This certification applies to pine products within the Architect Series®, Designer Series® and ProLine® windows and patio doors. Go to <http://www.fsc.org/> and click on "Find FSC Products" in the Business Area on the right hand side of the page to search for Pella's certificate information.

IEQ Indoor Environmental Quality





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IEQ Prerequisite 1

Minimum Indoor Air Quality Performance

Prerequisite Intent: To establish minimum indoor air quality (IAQ) performance to enhance indoor air quality in buildings, thus contributing to the comfort and well-being of the occupants.

How Pella products can help you comply with this prerequisite: This prerequisite allows the designer to use natural ventilation as a design strategy if the requirements of ASHRAE Standard 62.1-2007 (paragraph 5.1) are met. Pella offers a variety of operable window types for fresh air ventilation. Pella casement and awning windows can even be operated remotely for locations where windows are out of reach.

IEQ Prerequisite 3

Minimum Acoustical Performance

Prerequisite Intent: To provide classrooms that are quiet so that teachers can speak to the class without straining their voices and students can effectively communicate with each other and the teacher.

How Pella products can help you comply with this prerequisite: As part of the suggested ways to reduce background noise within classroom spaces, this prerequisite suggests replacing existing windows with insulating windows, and selecting a window with the highest affordable STC rating. Pella windows offer excellent sound control. Our published STC ratings can be found at www.pellaadm.com.

IEQ Credit 2

Increased Ventilation

Credit Intent: To provide additional outdoor air ventilation to improve indoor air quality (IAQ) and promote occupant comfort, well-being and productivity.

How Pella products can help you achieve the points: Pella offers a variety of operable window types for fresh air ventilation that can be used as part of a naturally ventilated building design (passive ventilation). Pella casement and awning windows can even be operated remotely for locations where windows are out of reach.

IEQ Credit 6.1

Controllability of Systems - Lighting

Credit Intent: To provide a high level of lighting system control by individual occupants or groups in multi-occupant spaces (eg., classrooms and conference areas) and promote their productivity, comfort and well being.

How Pella products can help you achieve the points: Pella between-the-glass Slimshade blinds are an excellent solution for reflecting daylight up to the ceiling while eliminating glare associated with Daylighting strategies and still allowing views to the outdoors. This is accomplished without the use of interior light shelves, exterior shading devices, baffles, or louvers. Translucent glass and panel options are also available.

IEQ Credit 6.2

Controllability of Systems - Thermal Comfort

Credit Intent: To provide a high level of thermal comfort system control by individual occupants or groups in multi-occupant spaces (eg., classrooms and conference areas) and promote their productivity, comfort and well being.

How Pella products can help you achieve the points: Pella windows offer a variety of operable window types for fresh air ventilation. Pella casement and awnings can be operated remotely for locations where windows are out of reach.

IEQ Credit 7.1

Thermal Comfort - Design

Credit Intent: To provide a comfortable thermal environment that promotes occupant productivity and well-being.

How Pella products can help you achieve the points: Pella windows are highly energy efficient with Total unit U-values as low as 0.26 and air infiltration rates as low as 0.05 cfm/sq. ft.. Plus, most vent windows are tested for air infiltration when manufactured. Additionally, total-unit Solar Heat Gain Coefficients (SHGC) as low as 0.16 are available.

IEQ Credit 8.1

Daylight and Views - Daylight





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Credit Intent: To provide the building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building.

How Pella products can help you achieve the points: Pella between-the-glass Slimshade blinds are an excellent solution for reflecting daylight up to the ceiling while eliminating glare associated with Daylighting strategies and still allowing views to the outdoors. This is accomplished without the use of interior light shelves, exterior shading devices, baffles, or louvers. Translucent glass options are also available.

IEQ Credit 8.2

Daylight and Views - Views

Credit Intent: To provide the building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building.

How Pella products can help you achieve the points: Pella between-the-glass Slimshade® blinds are an excellent solution for reflecting daylight up to the ceiling while eliminating glare associated with Daylighting strategies and still allowing views to the outdoors. This is accomplished without the use of interior light shelves, exterior shading devices, baffles, or louvers. Translucent glass options are also available.

IEQ Credit 9

Enhanced Acoustical Performance

Credit Intent: To provide classrooms that facilitate better teacher-to-student and student-to-student communications through effective acoustical design.

How Pella products can help you achieve the points: Pella offers a variety of standard products and glazing configurations with STC performance as high as 35. Performance above 35 may be achieved through Pella's custom offering of custom glazing solutions.

ID Innovation in Design

ID Credit 1

Innovation in Design

Credit Intent: To provide design teams and projects the opportunity to achieve exceptional performance set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.

How Pella products can help you achieve the points: Points within this credit category will depend heavily on the innovation of the design team, and may include Pella window and door products as part of the strategy.

RP Regional Priority

RP Credit 1

Regional Priority

Credit Intent: To provide an incentive for the achievement of credits that address geographically specific environmental categories.

How Pella products can help you achieve the points: Points within this credit category will depend heavily on the innovation of the design team, and may include Pella window and door products as part of the strategy.

*Source: LEED Reference Guide for Green Building Design and Construction - 2009 Edition (www.usgbc.org)

NC: New Construction

CS: Core & Shell

