

NanaWall Systems

WA 67 LEED Sheet

Based on LEED Version 2.2 for New Construction & Major Renovation

Submittal information for use of WA 67. This sheet intended to address credits pertaining to Division 8 or commonly requested by Division 8 customers.

Energy and Atmosphere

EA credit 1; Optimize Energy Performance:

Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

*Reduced use of fluorescent lighting and mechanical HVAC through the introduction of natural lighting and ventilation. Credits earned can vary from 1 to 10 based on the size of the building and the number of operable walls utilized.

Materials and Resources

MR credit 2.1; Construction Waste; Divert 50% from disposal:

* Shipping containers for panels is fully recyclable cardboard

MR credit 2.2; Construction Waste; Divert 75% from disposal:

*Shipping containers for panels is fully recyclable cardboard

MR credit 4.1; Recycled Content:

Use materials with recycled content such that the sum of post consumer recycled content plus one half of the pre-consumer constitutes at least 10% (Based on cost) of the total value of the materials in the project.

*WA 67 aluminum extrusions are 20% post consumer recycled aluminum.

MR credit 4.2; Recycled Content:

Use materials with recycled content such that the sum of post consumer recycled content plus one half of the pre-consumer constitutes at least 20% (Based on cost) of the total value of the materials in the project.

*WA 67 aluminum extrusions are 20% post consumer recycled aluminum.

MR credit 6; Rapidly Renewable Materials:

*Wood used in the WA 67, depending on species, comes from certified sustainable forests

MR credit 7; Certified Wood;

*Wood used for the WA 67, depending on species and size of project, can be certified in accordance with Forest Stewardship Council (FSC)

Indoor Environmental Quality

EQ credit 2; Increased Ventilation:

Provide additional outdoor air ventilation to improve indoor air quality for improved occupant comfort, well-being and productivity.

EQ credit 4.2; Low Emitting Materials-Paints and Coatings:

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

*WA 67 aluminum extrusions powder coat finish does not exceed the VOC content limits established in the Green Seal Standard GS-11, Paints First Edition, May 20, 1993. Sanding sealers for the WA 67 do not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings.

EQ Credit 7.1; Thermal Comfort: Design:

Provide a comfortable thermal environment that supports the productivity and well-being of building occupants.

Raised Sill – Inward Opening/Outward Opening

☆ = Energy Star Rating

1 = Meets Energy Star all 4 climate zones

2 = Meets Energy Star all climate zones except northern zone

3 = Meets Energy Star Southern and South/Central zones

<u>Type of Glass</u>	<u>IG Thickness</u>	<u>Inward Opening</u>			<u>Outward Opening</u>		
		<u>U-Factor</u>	<u>SHGC</u>	☆	<u>U-factor</u>	<u>SHGC</u>	☆
Low-E Air fill	1”	.35	.24	1	.35	.24	1
Low-E Argon	1”	.33	.37	1	.33	.37	1
Heat Mirror	1”	.25	.30	1	.25	.30	1
TC88 krypton fill							

Low Profile Saddle Sill – Inward/Outward Opening

<u>Type of Glass</u>	<u>IG Thickness</u>	<u>Inward Opening</u>			<u>Outward Opening</u>		
		<u>U-Factor</u>	<u>SHGC</u>	☆	<u>U-factor</u>	<u>SHGC</u>	☆
Low-E Air fill	1”	.38	.24	2	.38	.24	2
Low-E Argon	1”	.36	.37	2	.36	.37	2
Heat Mirror	1”	.28	.30	1	.28	.30	1
TC88 krypton fill							

Flush Sill – Inward/Outward Opening

<u>Type of Glass</u>	<u>IG Thickness</u>	<u>Inward Opening</u>			<u>Outward Opening</u>		
		<u>U-Factor</u>	<u>SHGC</u>	☆	<u>U-factor</u>	<u>SHGC</u>	☆
Low-E Air fill	1”	.38	.24	2	.38	.24	2
Low-E Argon	1”	.33	.37	2	.33	.37	2
Heat Mirror	1”	.26	.30	1	.26	.31	1
TC88 krypton fill							

EQ Credit 8.1; Daylight and Views: Daylight 75% of spaces:

Provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building

EQ Credit 8.2; Daylight and Views: Daylight 90% of spaces:

Provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building

Innovation and Design

ID Credit 1-1.4; Innovation in Design:

Provide design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED for New Construction rating system.