

NanaWall Systems

WD 66 LEED Sheet

Based on LEED Version 2.2 for New Construction & Major Renovation

Submittal information for use of WD 66. 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 6; Rapidly Renewable Materials:

*Wood used in the WD 66, depending on species, comes from certified sustainable forests

- MR credit 7; Certified Wood;

*Wood used for the WD 66, depending on species and size of project, can be certified in accordance with the 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.

*WD 66 Sanding sealers for the WD 66 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.

These units have been rated, certified and labeled in accordance with NFRC 100.

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	15/16"	.33	.24	1	.33	.24	1
Low-E Argon	15/16"	.31	.38	1	.31	.38	1
Heat Mirror	15/16"	.23	.31	1	.23	.31	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	15/16"	.36	.24	2	.36	.24	2
Low-E Argon	15/16"	.34	.38	1	.34	.38	1
Heat Mirror	15/16"	.26	.31	1	.26	.31	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	15/16"	.36	.24	2	.36	.24	2
Low-E Argon	15/16"	.32	.35	1	.32	.35	1
Heat Mirror	15/16"	.24	.31	1	.24	.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.