



Phius Product Number: D-100167
Date Last Certified: 10/09/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 10/09/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Wintegra PVC Door Aluminum Sill	
Manufacturer: Wintegra Windows Inc	Primary Frame Material: Vinyl
Series: PVC Door	Operation Category: Swinging Door
Model: PVC Door Aluminum Sill	Operation Type: Single Door

IGU DETAILS

Glazing Name: E270/ARG/Clear/ARG/E270 (4mm all) 46mm OA		
Glass Layers: Triple	Gas Fill: Argon	Spacer Model: Quanex Super Spacer Premium

RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Door	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14
Modeled Size [W × H]	37.80" × 82.28"		SHGC, Whole Door: 0.21				Condensation Resistance:			

COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | Compatible with building energy modeling tools

U-COG Center of Glass U-Values, by Climate Zone [Btu/hr·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.34		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	5.67"	5.67"	5.67"	4.57"
Frame U-Value [Btu/hr·ft²·°F]	0.14	0.14	0.14	0.20
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0153	0.0153	0.0154	0.0151
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓	✓			
U-Whole-Door	0.75	0.74	0.74	0.74	0.74	0.74	0.74	0.75	0.78	0.80
Modeled Size [W × H]	0.96 m × 2.09 m		SHGC, Whole Door: 0.21			Condensation Resistance:				

COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

U-COG Center of Glass U-Values, by Climate Zone [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.57	0.56	0.56	0.56	0.55	0.56	0.56	0.57	0.63	0.66
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.34		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	144 mm	144 mm	144 mm	116 mm
Frame U-Value [W/m²K]	0.82	0.82	0.82	1.13
Glazing-to-Frame Psi Value [W/mK]	0.0265	0.0265	0.0267	0.0263
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				