



**Phius Product Number:** D-100168  
**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	
<b>Product Name:</b> Wintegra PVC Door PVC Sill	
<b>Manufacturer:</b> Wintegra Windows Inc	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> PVC Door	<b>Operation Category:</b> Swinging Door
<b>Model:</b> PVC Door PVC Sill	<b>Operation Type:</b> Single Door

IGU DETAILS		
<b>Glazing Name:</b> E366/ARG/E180/ARG/i89 (4mm all) 46mm OA		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer Model:</b> Quanex Super Spacer Premium

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
Recommended Climate Zones and Whole-Door U-values by Zone, at Standard Model Size [Btu/hr·ft <sup>2</sup> ·°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
<b>Modeled Size [W × H]</b>	37.80" × 82.28"			<b>SHGC, Whole Door:</b> 0.16			<b>Condensation Resistance:</b>			

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

U-COG   Center of Glass U-Values, by Climate Zone [Btu/hr·ft <sup>2</sup> ·°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
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.26		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
<b>Frame Width</b>	5.67"	5.67"	5.67"	5.12"
<b>Frame U-Value</b> [Btu/hr·ft <sup>2</sup> ·°F]	0.14	0.14	0.14	0.20
<b>Glazing-to-Frame Psi Value</b> [Btu/hr·ft·°F]	0.0153	0.0153	0.0154	0.0151
<b>Frame-to-Wall Psi Value</b> 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 <sup>2</sup> 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	0.75	0.74	0.75	0.74	0.74	0.74	0.75	0.78	0.81
<b>Modeled Size [W × H]</b>	0.96 m × 2.09 m		<b>SHGC, Whole Door:</b> 0.16			<b>Condensation Resistance:</b>				

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

U-COG   Center of Glass U-Values, by Climate Zone [W/m <sup>2</sup> 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	0.57	0.55	0.56	0.56	0.57	0.62	0.66
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.26		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	144 mm	144 mm	144 mm	130 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	0.81	0.81	0.82	1.13
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0265	0.0265	0.0267	0.0263
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				