



Phius Product Number: D-100153
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 08/15/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Peerless GTD5 Doors	
Manufacturer: Peerless Products Inc	Primary Frame Material: Aluminum
Series: GTD5	Operation Category: Swinging Door
Model: GTD5 Doors	Operation Type: Single Swinging Door

IGU DETAILS

Glazing Name: 5.7mm LoE-366 (#2) / 13.0 / 5.7mm LoE-i89 (#4)		
Glass Layers: Double	Gas Fill: Argon	Spacer Model: Cardinal XL Edge

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	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34
Modeled Size [W × H]	37.80" × 82.28"			SHGC, Whole Door: 0.16			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	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.20
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.29		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
	Left	Right	Top	Bottom
Frame Width	6.10"	6.10"	6.10"	10.59"
Frame U-Value [Btu/hr·ft²·°F]	0.45	0.45	0.45	0.49
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0227	0.0227	0.0224	0.0313
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 <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 [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	1.88	1.87	1.87	1.87	1.86	1.86	1.86	1.86	1.88	1.90
Modeled Size [W × H]	0.96 m × 2.09 m			SHGC, Whole Door: 0.16			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	1.06	1.04	1.04	1.04	1.03	1.04	1.03	1.02	1.06	1.11
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.29		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	155 mm	155 mm	155 mm	269 mm
Frame U-Value [W/m²K]	2.57	2.57	2.57	2.79
Glazing-to-Frame Psi Value [W/mK]	0.0393	0.0393	0.0389	0.0542
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				