



Phius Product Number: D-100150
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 GTD2 Doors

Manufacturer: Peerless Products Inc

Primary Frame Material: Aluminum

Series: GTD2

Operation Category: Swinging Door

Model: GTD2 Doors

Operation Type: Single Swinging Door

IGU DETAILS

Glazing Name: 5.7mm LoE-366 (#2) / 13.0 / 5.7mm LoE-180 (#4) / 13.0 / 5.7mm LoE-i89 (#6)

Glass Layers: Triple

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	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27

Modeled Size [W × H]

37.80" × 82.28"

SHGC, Whole Door: 0.14

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	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.23

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	6.10"	6.10"	6.10"	10.59"
Frame U-Value [Btu/hr·ft²·°F]	0.42	0.42	0.42	0.46
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0183	0.0183	0.0183	0.0192
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				



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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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓		✓	✓						
U-Whole-Door	1.56	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.54	1.54

Modeled Size [W × H] 0.96 m × 2.09 m **SHGC, Whole Door:** 0.14 **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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.66	0.65	0.65	0.65	0.64	0.65	0.64	0.64	0.63	0.63

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones

0.23

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/m ² K]	2.39	2.39	2.39	2.60
Glazing-to-Frame Psi Value [W/mK]	0.0318	0.0318	0.0318	0.0334
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				