



Phius Product Number: D-100207
Date Last Certified: 09/11/2025
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 09/11/2027
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Fibertec 750 Sliding Glass Door

Manufacturer: Fibertec Window & Door Group

Primary Frame Material: Fiberglass

Series: 750 Series

Operation Category: Sliding Door

Model: 750 Sliding Glass Door

Operation Type: Sliding Door

NFRC CPD #: FWD-M-11-00141-00001 | **NFRC CPD # Lite Two:** FWD-M-11-00141-00001

IGU DETAILS

Glazing Name: 6mm-180#2-Arg95-180#4-Arg95-ClrCGI_OA 1-3/8"

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: Tremco EnerEDGE

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	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.21	0.21
Modeled Size [W × H]	78.74" × 78.74"		SHGC, Whole Door: 0.37				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	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17

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

0.51

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.25"	1.77"	4.25"	4.80"
Frame U-Value [Btu/hr·ft ² ·°F]	0.27	0.24	0.27	0.31
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0094	0.0055	0.0091	0.0095

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See *Phius Guidebook* for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.84"	1.77"	4.84"	4.80"
Frame U-Value [Btu/hr·ft ² ·°F]	0.42	0.28	0.28	0.31
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0145	0.0097	0.0095	0.0097

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See *Phius Guidebook* for more details.)

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 11/10/2025



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PRODUCT INFORMATION

Product Name: Fibertec 750 Sliding Glass Door

Manufacturer: Fibertec Window & Door Group

Primary Frame Material: Fiberglass

Series: 750 Series

Operation Category: Sliding Door

Model: 750 Sliding Glass Door

Operation Type: Sliding Door

NFRC CPD #: FWD-M-11-00141-00001 | **NFRC CPD # Lite Two:** FWD-M-11-00141-00001

IGU DETAILS

Glazing Name: 6mm-180#2-Arg95-180#4-Arg95-ClrCGI_OA 1-3/8"

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: Tremco EnerEDGE

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	1.23	1.23	1.23	1.23	1.22	1.22	1.22	1.22	1.21	1.20
Modeled Size [W × H]	2.00 m × 2.00 m		SHGC, Whole Door: 0.37				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	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17

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

0.51

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	108 mm	45 mm	108 mm	122 mm
Frame U-Value [W/m ² K]	1.53	1.38	1.51	1.78
Glazing-to-Frame Psi Value [W/mK]	0.0163	0.0096	0.0159	0.0165

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See *Phius Guidebook* for more details.)

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	123 mm	45 mm	123 mm	122 mm
Frame U-Value [W/m ² K]	2.36	1.61	1.61	1.75
Glazing-to-Frame Psi Value [W/mK]	0.0251	0.0168	0.0166	0.0168

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See *Phius Guidebook* for more details.)

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 11/10/2025