phius certified product

Phius Product Number: D-100205
Date Last Certified: 08/25/2025
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-11-00120-00001 | **NFRC CPD # Lite Two:** FWD-M-11-00120-00001	

IGU DETAILS

Glazing Name: 5mm-272#2-Arg95-272#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	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18

Modeled Size [W ×H] 78.74" × 78.74" **SHGC, Whole Door:** 0.24 **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	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.32

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•ft²•°F]	0.25	0.22	0.25	0.29
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0084	0.0050	0.0082	0.0086
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•ft²•°F]	0.37	0.26	0.26	0.29
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0139	0.0087	0.0086	0.0087
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 Light 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. | *12/23/2025*

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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-11-00120-00001 | **NFRC CPD # Lite Two:** FWD-M-11-00120-00001	

IGU DETAILS

Glazing Name: 5mm-272#2-Arg95-272#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	1.06	1.06	1.06	1.06	1.05	1.06	1.05	1.05	1.04	1.04

Modeled Size [W ×H] 2.00 m × 2.00 m **SHGC, Whole Door:** 0.24 **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	0.85	0.84	0.84	0.84	0.83	0.84	0.83	0.83	0.82	0.81

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.32

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/m²K]	1.41	1.24	1.39	1.63
Glazing-to-Frame Psi Value [W/mK]	0.0146	0.0087	0.0143	0.0149
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/m²K]	2.13	1.50	1.50	1.62
Glazing-to-Frame Psi Value [W/mK]	0.0242	0.0151	0.0149	0.0151
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 Light 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. | *12/23/2025*