phius certified product

Phius Product Number: D-100148
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through:
Air Leakage Test Data Available: No

PRODUCT INFORMATION	
Product Name: Kohltech cPVC Inswing Door FX Sidelite	
Manufacturer: Kohltech Windows & Entrance Systems	**Primary Frame Material:** Vinyl
Series: cPVC	**Operation Category:** Swinging Door
Model: cPVC Inswing Door FX Sidelite	**Operation Type:** Single Swinging Door
NFRC CPD #: KOI-A-36-136448-00001	

IGU DETAILS		
Glazing Name: 8070 surfaces 3 & 5, Arg95, 1-3/8" OA		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer Model:** Quanex Super Spacer Premium Plus

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	0.19	0.19	0.19	0.19

Modeled Size [W ×H] 37.80" × 82.28" **SHGC, Whole Door:** 0.39 **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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.58

Frame Parameters	*Left Jamb*	*Right Jamb*	*Left Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	4.37"	4.37"	4.37"	5.79"
Frame U-Value [Btu/hr•ft²•°F]	0.27	0.27	0.27	0.32
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0102	0.0102	0.0097	0.0095

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	1.08	1.08	1.08	1.08	1.07	1.08	1.07	1.07	1.07	1.08

Modeled Size [W ×H] 0.96 m × 2.09 m **SHGC, Whole Door:** 0.39 **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	0.77	0.75	0.75	0.76	0.75	0.75	0.75	0.75	0.75	0.76

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.58

Frame Parameters	*Left Jamb*	*Right Jamb*	*Left Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	111 mm	111 mm	111 mm	147 mm
Frame U-Value [W/m²K]	1.54	1.54	1.54	1.83
Glazing-to-Frame Psi Value [W/mK]	0.0178	0.0178	0.0168	0.0166

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