phius certified product

Phius Product Number: D-100172
Date Last Certified: 11/02/2023
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 11/02/2025
Air Leakage Test Data Available: No

PRODUCT INFORMATION	
Product Name: Eko-Okna Salamander BluEvolution 82 Inswing Door	
Manufacturer: Eko-Okna S A	**Primary Frame Material:** Vinyl
Series: Salamander BluEvolution 82	**Operation Category:** Swinging Door
Model: BluEvolution 82 Inswing Door	**Operation Type:** Single Door
NFRC CPD #: EKO-K-5-00009-00001	

IGU DETAILS		
Glazing Name: CLSKN165/ARG/CLR (4MM/4MM) 24MM IG		
Glass Layers: Double	**Gas Fill:** Argon	**Spacer Model:** Saint-Gobain Swisspacer

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	0.21	0.22	0.22	0.22	0.23	0.22	0.23	0.24	0.25	0.26

Modeled Size [W ×H] 37.80" × 82.28" **SHGC, Whole Door:** 0.18 **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	0.17	0.18	0.18	0.18	0.20	0.19	0.21	0.22	0.24	0.25

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.31

Frame Parameters	*Left Jamb*	*Right Jamb*	*Left Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	6.10"	6.10"	6.10"	4.92"
Frame U-Value [Btu/hr•ft²•°F]	0.23	0.23	0.23	0.40
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0061	0.0061	0.0058	0.0086

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

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IGU DETAILS		
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Glass Layers: Double	**Gas Fill:** Argon	**Spacer Model:** Saint-Gobain Swisspacer

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	1.21	1.24	1.24	1.23	1.29	1.26	1.33	1.35	1.41	1.46

Modeled Size [W ×H] 0.96 m × 2.09 m **SHGC, Whole Door:** 0.18 **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	0.99	1.05	1.05	1.02	1.12	1.07	1.19	1.22	1.34	1.41

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.31

Frame Parameters	*Left Jamb*	*Right Jamb*	*Left Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	155 mm	155 mm	155 mm	125 mm
Frame U-Value [W/m²K]	1.32	1.32	1.31	2.26
Glazing-to-Frame Psi Value [W/mK]	0.0107	0.0107	0.0102	0.0149

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