



Phius Product Number: D-100177
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-5-00096-00001	

IGU DETAILS

Glazing Name: PLANI XNII/ARG/CLR/ARG/PLANI XNII (4MM/4MM/4MM) 48MM IG		
Glass Layers: Triple	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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✓	✓	✓				
U-Whole-Door	0.16	0.16	0.16	0.16	0.17	0.16	0.17	0.17	0.18	0.18
Modeled Size [W × H]	37.80" × 82.28"		SHGC, Whole Door: 0.29			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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.10	0.10	0.10	0.10	0.11	0.10	0.11	0.11	0.12	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.50		

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]	0.22	0.22	0.22	0.36
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0062	0.0062	0.0056	0.0089
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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✓	✓	✓				
U-Whole-Door	0.92	0.93	0.93	0.92	0.94	0.93	0.95	0.96	1.00	1.02
Modeled Size [W × H]	0.96 m × 2.09 m		SHGC, Whole Door: 0.29			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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.57	0.58	0.58	0.57	0.60	0.59	0.63	0.64	0.70	0.74
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.50		

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/m ² K]	1.24	1.24	1.23	2.06
Glazing-to-Frame Psi Value [W/mK]	0.0108	0.0108	0.0098	0.0155
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				