



Phius Product Number: D-100170
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-5-00005-00001

IGU DETAILS

Glazing Name: CLR/ARG/PLANI ONE (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	0.22	0.22	0.22	0.22	0.23	0.22	0.24	0.24	0.25	0.26
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·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.18	0.19	0.19	0.19	0.20	0.20	0.21	0.22	0.24	0.25

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

0.49

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·ft ² ·°F]	0.23	0.23	0.23	0.40
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0054	0.0054	0.0052	0.0079

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	1.23	1.26	1.26	1.25	1.30	1.28	1.34	1.36	1.43	1.47
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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	1.03	1.08	1.08	1.06	1.15	1.11	1.22	1.25	1.36	1.44

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

0.49

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]	1.32	1.32	1.31	2.26
Glazing-to-Frame Psi Value [W/mK]	0.0095	0.0095	0.009	0.0138

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