



**Phius Product Number:** D-100174  
**Date Last Certified:**  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 10/26/2026  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Eko-Okna Salamander BluEvolution 82 Inswing Door	
<b>Manufacturer:</b> Eko-Okna S A	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> Salamander BluEvolution 82	<b>Operation Category:</b> Swinging Door
<b>Model:</b> BluEvolution 82 Inswing Door	<b>Operation Type:</b> Single Door
<b>NFRC CPD #:</b> EKO-K-5-00054-00001	

**IGU DETAILS**

<b>Glazing Name:</b> LAMI/ARG/PLANI XN (5MM 076 5MM/6MM) 33MM IG		
<b>Glass Layers:</b> Double	<b>Gas Fill:</b> Argon	<b>Spacer Model:</b> 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 <sup>2</sup> ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓				
U-Whole-Door	0.23	0.23	0.23	0.23	0.24	0.23	0.24	0.25	0.26	0.26
Modeled Size [W × H]	37.80" × 82.28"			SHGC, Whole Door: 0.33			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 <sup>2</sup> ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.19	0.20	0.20	0.20	0.21	0.20	0.22	0.23	0.25	0.26
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.56		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	6.10"	6.10"	6.10"	4.92"
<b>Frame U-Value</b> [Btu/hr·ft <sup>2</sup> ·°F]	0.24	0.24	0.23	0.39
<b>Glazing-to-Frame Psi Value</b> [Btu/hr·ft·°F]	0.0071	0.0071	0.0067	0.0098
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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<b>Series:</b> Salamander BluEvolution 82	<b>Operation Category:</b> Swinging Door
<b>Model:</b> BluEvolution 82 Inswing Door	<b>Operation Type:</b> Single Door
<b>NFRC CPD #:</b> EKO-K-5-00054-00001	

**IGU 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 <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓				
U-Whole-Door	1.28	1.31	1.31	1.30	1.34	1.32	1.38	1.40	1.46	1.50
<b>Modeled Size [W × H]</b>	0.96 m × 2.09 m			<b>SHGC, Whole Door:</b> 0.33			<b>Condensation Resistance:</b>			

**COMPONENT-LEVEL PERFORMANCE DATA** [SI Units] | *Compatible with building energy modeling tools*

U-COG   Center of Glass U-Values, by Climate Zone [W/m <sup>2</sup> K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	1.09	1.14	1.14	1.12	1.20	1.16	1.26	1.29	1.39	1.46
SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.56		

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	155 mm	155 mm	155 mm	125 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	1.35	1.35	1.33	2.23
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0123	0.0123	0.0116	0.0171
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				