phius certified product

Phius Product Number: W-102611
Date Last Certified: 02/03/2026
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 03/11/2028
Air Leakage Test Data Available: No

PRODUCT INFORMATION

Product Name: Barrier 80 Fixed Window	
Manufacturer: Barrier SRL	**Primary Frame Material:** Vinyl
Series: 80 Series	**Fixed or Operable:** Fixed
Model: Barrier 80 Fixed Window	**Operation Type:** Fixed
NFRC CPD #: BRR-K-2-00003-00001	

IGU DETAILS

Glazing Name: XN-lami / arg / clr / arg / XN-lami (3mm|015PVB|3mm/4mm/3mm|015PVB|3mm) 50mm_CL		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** Ensinger Thermix TX Pro

RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Window 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-Window	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.16

Modeled Size [W×H] 47.24" × 59.06" **SHGC, Whole Window:** 0.38 **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	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.13

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.47

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	2.87"	2.87"	2.87"	2.87"
Frame U-Value [Btu/hr•ft^2•°F]	0.24	0.24	0.24	0.24
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0110	0.0110	0.0105	0.0105

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-Window 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-Window	0.81	0.81	0.81	0.81	0.82	0.81	0.83	0.83	0.87	0.90

Modeled Size [W × H] 1.20 m × 1.50 m **SHGC, Whole Window:** 0.38 **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	0.61	0.61	0.61	0.60	0.61	0.61	0.62	0.63	0.68	0.71

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.47

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	73 mm	73 mm	73 mm	73 mm
Frame U-Value [W/m^{2}K]	1.38	1.38	1.34	1.34
Glazing-to-Frame Psi Value [W/mK]	0.0192	0.0192	0.0183	0.0183

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