



Phius Product Number: W-101595
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 08/15/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Bio2People LLC (WIN-WINDOWS) Active Fixed	
Manufacturer: WIN-WINDOWS	Primary Frame Material: Vinyl
Series: Active	Fixed or Operable: Fixed
Model: LLC (WIN-WINDOWS) Active Fixed	Operation Type: Fixed

IGU DETAILS

Glazing Name: WIN-WINDOWS-NRG-PLUS		
Glass Layers: Triple	Gas Fill: Argon	Spacer: Quanex Super Spacer Premium

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·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓			
U-Whole-Window	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15
Modeled Size [W×H]	47.24" × 59.06"			SHGC, Whole Window: 0.32			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	0.11	0.11	0.11	0.11	0.10	0.11	0.10	0.11	0.11	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.41		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.99"	2.99"	2.99"	2.99"
Frame U-Value [Btu/hr·ft²·°F]	0.21	0.21	0.21	0.21
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0198	0.0198	0.0197	0.0197

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



Phius Product Number: W-101595
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 08/15/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Bio2People LLC (WIN-WINDOWS) Active Fixed	
Manufacturer: WIN-WINDOWS	Primary Frame Material: Vinyl
Series: Active	Fixed or Operable: Fixed
Model: LLC (WIN-WINDOWS) Active Fixed	Operation Type: Fixed

IGU DETAILS

Glazing Name: WIN-WINDOWS-NRG-PLUS		
Glass Layers: Triple	Gas Fill: Argon	Spacer: Quanex Super Spacer Premium

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/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓			
U-Whole-Window	0.82	0.81	0.81	0.82	0.81	0.81	0.81	0.81	0.84	0.87
Modeled Size [W x H]	1.20 m x 1.50 m			SHGC, Whole Window: 0.32			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	0.61	0.60	0.60	0.60	0.59	0.60	0.59	0.60	0.64	0.67
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.41		

Frame Parameters	Left Jamb		Right Jamb		Head		Sill	
	Left		Right		Top		Bottom	
Frame Width	76 mm		76 mm		76 mm		76 mm	
Frame U-Value [W/m²K]	1.17		1.17		1.17		1.17	
Glazing-to-Frame Psi Value [W/mK]	0.0343		0.0343		0.0341		0.0341	
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>								