



Phius Product Number: W-102771
Date Last Certified: 06/10/26
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 06/10/28
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Berdick 3500 Fiberglass LP Fixed Picture

Manufacturer: Berdick Windows and Doors

Primary Frame Material: Fiberglass

Series: 3500 Series

Fixed or Operable: Fixed

Model: 3500 Fiberglass LP Fixed Picture

Operation Type: Fixed

NFRC CPD #: BMM-M-13-00324-00001

IGU DETAILS

Glazing Name: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2" IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer: Cardinal Endur

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	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16

Modeled Size [W×H]

47.24" × 59.06"

SHGC, Whole Window: 0.47

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	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13

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

0.56

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.13"	2.13"	2.13"	2.13"
Frame U-Value [Btu/hr·ft ² ·°F]	0.26	0.26	0.25	0.25
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0092	0.0092	0.0091	0.0091

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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓	✓			
U-Whole-Window	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.90
Modeled Size [W × H]	1.20 m × 1.50 m		SHGC, Whole Window: 0.47				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	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.72	0.74

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

0.56

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	54 mm	54 mm	54 mm	54 mm
Frame U-Value [W/m ² K]	1.45	1.45	1.43	1.43
Glazing-to-Frame Psi Value [W/mK]	0.016	0.016	0.0158	0.0158

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