



Phius Product Number: W-101432
Date Last Certified: 08/15/2023
THERM Files Available: No

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



PRODUCT INFORMATION

Product Name: DAKO DPQ 82 Fixed Window

Manufacturer: DAKO Windows and Doors

Primary Frame Material: Vinyl

Series: DPQ 82

Fixed or Operable: Fixed

Model: DPQ 82 Fixed Window

Operation Type: Fixed

NFRC CPD #: DAK-K-5-00004-00001

IGU DETAILS

Glazing Name: PLANITHERM XN / arg / PLANICLEAR / arg / PLANITHERM XN (4mm/4mm/4mm) 48mm IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer: SWISSPACER Advance

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	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.15	0.15

Modeled Size [W×H]

47.24" × 59.06"

SHGC, Whole Window: 0.40

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	0.10	0.10	0.10	0.10	0.11	0.10	0.11	0.11	0.12	0.13

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

0.51

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.91"	2.91"	2.91"	2.91"
Frame U-Value [Btu/hr·ft ² ·°F]	0.22	0.22	0.20	0.20
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0087	0.0087	0.0075	0.0075

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



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Gas Fill: Argon

Spacer: SWISSPACER Advance

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	0.74	0.75	0.75	0.74	0.76	0.75	0.78	0.79	0.84	0.87
Modeled Size [W × H]	1.20 m × 1.50 m				SHGC, Whole Window: 0.40			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	0.57	0.58	0.58	0.57	0.60	0.58	0.62	0.64	0.70	0.74

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

0.51

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	74 mm	74 mm	74 mm	74 mm
Frame U-Value [W/m ² K]	1.24	1.24	1.14	1.14
Glazing-to-Frame Psi Value [W/mK]	0.0152	0.0152	0.013	0.013

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