



PhiUS Product Number: D-100087
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 Inswing / Outswing Door

Manufacturer: DAKO Windows and Doors

Primary Frame Material: Vinyl

Series: DPQ 82

Operation Category: Swinging Door

Model: DPQ 82 Inswing / Outswing Door

Operation Type: Single Swinging Door

NFRC CPD #: DAK-K-7-00001-00001

IGU DETAILS

Glazing Name: SECURIT ECLAZ II / arg / PLANICLEAR SECURIT / arg / SECURIT ECLAZ II (6mm/6mm/6mm) 46mm IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: SWISSPACER Advance

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·ft²·°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓				
U-Whole-Door	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17

Modeled Size [W × H]

37.80" × 82.28"

SHGC, Whole Door: 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	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

0.55

Frame Parameters

	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	6.10"	6.10"	6.10"	4.92"
Frame U-Value [Btu/hr·ft²·°F]	0.21	0.21	0.21	0.29
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0134	0.0134	0.0124	0.0102

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



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PRODUCT INFORMATION

Product Name: DAKO DPQ 82 Inswing / Outswing Door

Manufacturer: DAKO Windows and Doors

Primary Frame Material: Vinyl

Series: DPQ 82

Operation Category: Swinging Door

Model: DPQ 82 Inswing / Outswing Door

Operation Type: Single Swinging Door

NFRC CPD #: DAK-K-7-00001-00001

IGU DETAILS

Glazing Name: SECURIT ECLAZ II / arg / PLANICLEAR SECURIT / arg / SECURIT ECLAZ II (6mm/6mm/6mm) 46mm IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: SWISSPACER Advance

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/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓				
U-Whole-Door	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.99

Modeled Size [W × H] 0.96 m × 2.09 m **SHGC, Whole Door:** 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	0.67	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.68	0.70

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

0.55

Frame Parameters	Left Jamb	Right Jamb	Left Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	155 mm	155 mm	155 mm	125 mm
Frame U-Value [W/m ² K]	1.19	1.19	1.18	1.64
Glazing-to-Frame Psi Value [W/mK]	0.0232	0.0232	0.0216	0.0178
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				