



Phius Product Number: D-100181
Date Last Certified: 02/20/2024
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through:
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: ENERsign Primus Lift & Slide Door

Manufacturer: ENERsign GmbH

Primary Frame Material: Aluminum Clad Wood

Series: Primus

Operation Category: Sliding Door

Model: Primus Lift & Slide Door

Operation Type: Lift Slide Door

NFRC CPD #: ENS-K-3-00005-00001

IGU DETAILS

Glazing Name: CGPREM2/ARG/CLR/ARG/CGPREM2 (4MM/4MM/4MM) 1-7/8" IG

Glass Layers: Triple

Gas Fill: Argon

Spacer Model: Saint-Gobain Swisspacer

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	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.14
Modeled Size [W × H]	78.74" × 78.74"				SHGC, Whole Door: 0.35		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	0.10	0.10	0.11	0.11	0.12	0.13

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

0.50

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	3.98"	2.44"	3.98"	3.98"
Frame U-Value [Btu/hr·ft ² ·°F]	0.12	0.30	0.12	0.12
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0057	0.0055	0.0054	0.0056

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

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	6.54"	2.44"	6.26"	6.10"
Frame U-Value [Btu/hr·ft ² ·°F]	0.11	0.14	0.15	0.20
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0055	0.0057	0.0056	0.0061

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

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 12/23/2025



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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-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	0.67	0.67	0.67	0.67	0.69	0.68	0.71	0.72	0.76	0.79
Modeled Size [W × H]	2.00 m × 2.00 m		SHGC, Whole Door: 0.35				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	0.54	0.55	0.55	0.55	0.58	0.56	0.60	0.62	0.68	0.72

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

0.50

Frame Parameters	Left Jamb	Right Meeting Rail	Left Head	Left Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	101 mm	62 mm	101 mm	101 mm
Frame U-Value [W/m ² K]	0.67	1.71	0.68	0.66
Glazing-to-Frame Psi Value [W/mK]	0.01	0.0096	0.0094	0.0098

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

Frame Parameters, Lite-Two	Left Meeting Rail	Right Jamb	Right Head	Right Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	166 mm	62 mm	159 mm	155 mm
Frame U-Value [W/m ² K]	0.60	0.79	0.83	1.14
Glazing-to-Frame Psi Value [W/mK]	0.0096	0.01	0.0097	0.0107

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

For horizontal two-lite doors, assume Lite One is on the left and Lite Two is on the right. The right jamb of Lite One is the right meeting rail. The left jamb of Lite Two is the left meeting rail. | 12/23/2025