



Phius Product Number: W-101221
Date Last Certified: 08/15/2023
THERM Files Available: Yes

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



PRODUCT INFORMATION

Product Name: Intus Supera CW Casement

Manufacturer: Intus Windows

Primary Frame Material: Vinyl

Series: Supera CW

Fixed or Operable: Operable

Model: Supera CW Casement

Operation Type: Casement

IGU DETAILS

Glazing Name: SN51_28_4x18Arx4x18ArxCG4

Glass Layers: Triple

Gas Fill: Argon

Spacer: SWISSPACER ULTIMATE

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	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18

Modeled Size [W×H]

23.62" × 59.06"

SHGC, Whole Window: 0.12

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	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11

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

0.23

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.57"	4.57"	4.57"	4.57"
Frame U-Value [Btu/hr·ft²·°F]	0.23	0.23	0.23	0.23
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0101	0.0101	0.0098	0.0098
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	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.97	1.00	1.02

Modeled Size [W × H] 0.60 m × 1.50 m

SHGC, Whole Window: 0.12

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	0.53	0.51	0.51	0.52	0.52	0.51	0.54	0.56	0.61	0.65

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

0.23

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	116 mm	116 mm	116 mm	116 mm
Frame U-Value [W/m ² K]	1.28	1.28	1.29	1.29
Glazing-to-Frame Psi Value [W/mK]	0.0175	0.0175	0.0171	0.0171
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				