



**Phius Product Number:** W-101219  
**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:** CG4x16Arx4x16ArxCG4-44MM

**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·ft<sup>2</sup>·°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:** 0.20

**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·ft<sup>2</sup>·°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   | 0.10   | 0.10 | 0.11 | 0.11 |

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

0.39

| Frame Parameters                                                                                                    | Left Jamb | Right Jamb | Head   | Sill   |
|---------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|--------|
| Frame Section                                                                                                       | Left      | Right      | Top    | Bottom |
| Frame Width                                                                                                         | 4.61"     | 4.61"      | 4.61"  | 4.61"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F]                                                                          | 0.23      | 0.23       | 0.23   | 0.23   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]                                                                           | 0.0105    | 0.0105     | 0.0102 | 0.0099 |
| Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.) |           |            |        |        |



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**Primary Frame Material:** Vinyl

**Series:** Supera CW

**Fixed or Operable:** Operable

**Model:** Supera CW Casement

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## IGU DETAILS

**Glazing Name:** CG4x16Arx4x16ArxCG4-44MM

**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 [W/m<sup>2</sup>K]**

| Climate Zone         | 0, 1, 2         | 3A   | 3B                       | 3C   | 4A, 4B | 4C, 5C | 5A, 5B                   | 6    | 7    | 8    |
|----------------------|-----------------|------|--------------------------|------|--------|--------|--------------------------|------|------|------|
| Recommended Zones    | ✓               | ✓    | ✓                        | ✓    | ✓      | ✓      |                          |      |      |      |
| U-Whole-Window       | 0.99            | 0.98 | 0.98                     | 0.99 | 0.98   | 0.98   | 0.98                     | 0.98 | 1.00 | 1.02 |
| Modeled Size [W × H] | 0.60 m × 1.50 m |      | SHGC, Whole Window: 0.20 |      |        |        | 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/m<sup>2</sup>K]

| Climate Zone                                                              | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|---------------------------------------------------------------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value                                                               | 0.58    | 0.57 | 0.57 | 0.57 | 0.57   | 0.57   | 0.56   | 0.56 | 0.61 | 0.64 |
| SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones |         |      |      |      |        |        |        | 0.39 |      |      |

| Frame Parameters                                                                                                    | Left Jamb | Right Jamb | Head   | Sill   |
|---------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|--------|
| Frame Section                                                                                                       | Left      | Right      | Top    | Bottom |
| Frame Width                                                                                                         | 117 mm    | 117 mm     | 117 mm | 117 mm |
| Frame U-Value [W/m <sup>2</sup> K]                                                                                  | 1.28      | 1.28       | 1.30   | 1.30   |
| Glazing-to-Frame Psi Value [W/mK]                                                                                   | 0.0183    | 0.0183     | 0.0177 | 0.0173 |
| Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.) |           |            |        |        |