phius certified product

Phius Product Number: W-101948
Date Last Certified: 08/22/2025
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 08/22/2027
Air Leakage Test Data Available: No

PRODUCT INFORMATION	
Product Name: Zola Thermo Plus Alu75 Tilt & Turn	
Manufacturer: Zola Windows	**Primary Frame Material:** Aluminum
Series: Thermo Plus Alu75	**Fixed or Operable:** Operable
Model: Thermo Plus Alu75 Tilt & Turn	**Operation Type:** Dual Action Tilt Turn

IGU DETAILS		
Glazing Name: CG PREM2/ARG/EXTRA CLR/ARG/CG PREM2		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** ALU-PRO MULTITECH G

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	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.17

Modeled Size [W×H] 47.24" × 59.06" **SHGC, Whole Window:** 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	0.10	0.10	0.11	0.12

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.50

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	4.21"	4.21"	4.21"	4.21"
Frame U-Value [Btu/hr•ft²•°F]	0.25	0.25	0.25	0.25
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0134	0.0134	0.0114	0.0127

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

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Model: Thermo Plus Alu75 Tilt & Turn		**Operation Type:** Dual Action Tilt Turn
IGU DETAILS		
Glazing Name: CG PREM2/ARG/EXTRA CLR/ARG/CG PREM2		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** ALU-PRO MULTITECH G

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	0.87	0.86	0.86	0.86	0.86	0.86	0.88	0.89	0.93	0.95

Modeled Size [W ×H] 1.20 m × 1.50 m **SHGC, Whole Window:** 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	0.55	0.54	0.54	0.54	0.54	0.54	0.57	0.58	0.64	0.67

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones 0.50

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	107 mm	107 mm	107 mm	107 mm
Frame U-Value [W/m²K]	1.43	1.43	1.43	1.43
Glazing-to-Frame Psi Value [W/mK]	0.0233	0.0233	0.0199	0.0221
Frame-to-Wall Psi Value is dependent on the on-site installation condition. *(See Phius Guidebook for more details.)*				