



Phius Product Number: W-102041
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 ThermoPlus uPVC Tilt & Turn		
Manufacturer: Zola Windows	Primary Frame Material: Vinyl	
Series: ThermoPlus uPVC	Fixed or Operable: Operable	
Model: ThermoPlus uPVC Tilt & Turn	Operation Type: Dual Action Tilt Turn	
IGU DETAILS		
Glazing Name: CG PREM2T/ARG/EXTRA CLR/ARG/CG PREM2T		
Glass Layers: Triple	Gas Fill: Argon	Spacer: ALU-PRO MULTITECH G

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>											
Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft ² ·°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	0.15	0.15	0.15	
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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb		Right Jamb		Head		Sill	
	Left	Right	Left	Right	Top	Bottom	Top	Bottom
Frame Width	4.88"		4.88"		4.88"		4.88"	
Frame U-Value [Btu/hr·ft²·°F]	0.18		0.18		0.18		0.18	
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0174		0.0174		0.0175		0.0175	

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



Phius Product Number: W-102041
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 ThermoPlus uPVC Tilt & Turn		
Manufacturer: Zola Windows	Primary Frame Material: Vinyl	
Series: ThermoPlus uPVC	Fixed or Operable: Operable	
Model: ThermoPlus uPVC Tilt & Turn	Operation Type: Dual Action Tilt Turn	
IGU DETAILS		
Glazing Name: CG PREM2T/ARG/EXTRA CLR/ARG/CG PREM2T		
Glass Layers: Triple	Gas Fill: Argon	Spacer: ALU-PRO MULTITECH G

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones					✓	✓	✓			
U-Whole-Window	0.84	0.83	0.83	0.83	0.83	0.83	0.82	0.83	0.84	0.85
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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.64	0.62	0.62	0.63	0.62	0.62	0.62	0.62	0.64	0.66
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.53		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	124 mm	124 mm	124 mm	124 mm
Frame U-Value [W/m²K]	1.01	1.01	1.01	1.01
Glazing-to-Frame Psi Value [W/mK]	0.0302	0.0302	0.0304	0.0304
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				