



Phius Product Number: W-102532
Date Last Certified: 07/30/2025
THERM Files Available: No

Phius Certification Path: Orange Path
Valid Through: 07/30/2027
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Alpen Tyrol Edge Fixed Picture Window	
Manufacturer: Alpen High Performance Products	Primary Frame Material: Vinyl
Series: Tyrol Edge	Fixed or Operable: Fixed
Model: Tyrol Edge Fixed Picture Window	Operation Type: Fixed

IGU DETAILS

Glazing Name: Solarcontrol-9 TGQ ³ [41]		
Glass Layers: Quad	Gas Fill: Krypton	Spacer: Ködispace 4SG

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	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Modeled Size [W×H]	47.24" × 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·ft²·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.25		

Frame Parameters	<i>Left Jamb</i>		<i>Right Jamb</i>		<i>Head</i>		<i>Sill</i>	
	Left	Right	Top	Bottom				
Frame Width	2.76"	2.76"	2.76"	2.76"				
Frame U-Value [Btu/hr·ft²·°F]	0.17	0.17	0.17	0.17				
Glazing-to-Frame Psi Value [Btu/hr·ft²·°F]	0.0136	0.0136	0.0136	0.0136				
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>								



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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	0.56	0.56	0.56	0.56	0.55	0.55	0.56	0.56	0.57	0.58
Modeled Size [W × H]	1.20 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/m²K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.38	0.37	0.37	0.38	0.37	0.37	0.38	0.38	0.39	0.41
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.25		

Frame Parameters	<i>Left Jamb</i>		<i>Right Jamb</i>		<i>Head</i>		<i>Sill</i>	
	Left	Right	Left	Right	Top	Bottom	Top	Bottom
Frame Width	70 mm		70 mm		70 mm		70 mm	
Frame U-Value [W/m²K]	0.97		0.97		0.97		0.97	
Glazing-to-Frame Psi Value [W/mK]	0.0237		0.0237		0.0237		0.0237	
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>								