



Zenith Series ZR-7 / 725 Windows and Doors

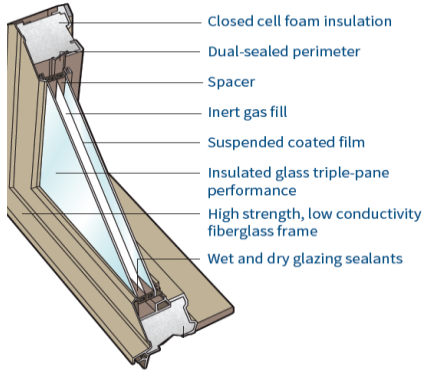
Alpen's Zenith Series ZR-7 fiberglass windows and doors deliver beauty, comfort and long-lasting durability. Triple-pane suspended film glazing offers superior insulation in a range of solar and light gain configuration levels to satisfy many high performance home designs. When used in conjunction with tight envelope construction and smart weatherization practices, ZR-7 / 725 windows and doors can help lower energy use by preventing heat loss and keeping indoor spaces comfortable without continuous HVAC system cycling.

Benefits:

- NFRC whole-window ratings up to R-7.1 (U-0.14)
- Center-of-glass performance up to R-9.1 (U-0.11)
- Industry-leading air and water infiltration resistance
- Glass with 99.5%+ UV blockage protects interior finishes
- Passive House Certified and Living Building Challenge Compliant options
- Custom-built with superior craftsmanship and quality to fit any budget and style
- Multiple triple-pane suspended film Alpenglass™ configurations engineered to ensure optimal radiant comfort, year-round



TECHNICAL SPECIFICATIONS



- Closed cell foam insulation
- Dual-sealed perimeter
- Spacer
- Inert gas fill
- Suspended coated film
- Insulated glass triple-pane performance
- High strength, low conductivity fiberglass frame
- Wet and dry glazing sealants

Triple weatherstrip on casements and awnings.
Double weatherstrip on sliding, single and double hung windows.

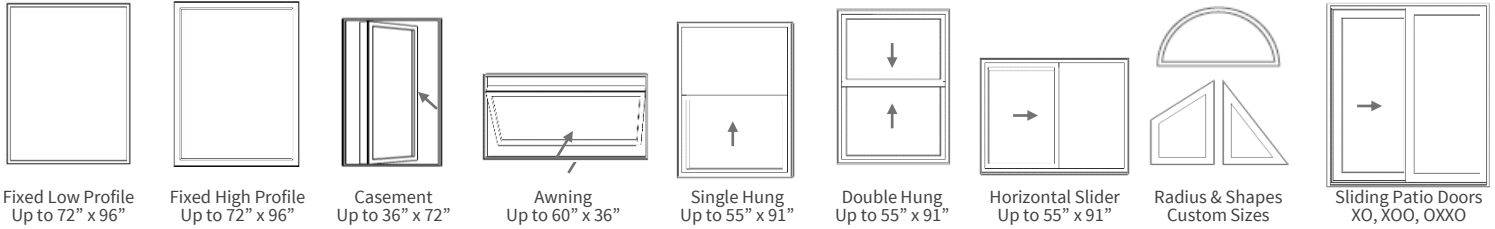
Zenith Series ZR-7 / 725 Full Frame NFRC Thermal Performance:

Styles	Alpenglass Balanced-7				Alpenglass SolarControl-7				Alpenglass HighGain-7			
	U-factor	R-value	SHGC	VT	U-factor	R-value	SHGC	VT	U-factor	R-value	SHGC	VT
Fixed Low Profile	0.15	6.7	0.30	0.49	0.16	6.3	0.22	0.51	0.16	6.3	0.48	0.62
Fixed High Profile	0.14	7.1	0.27	0.44	0.15	6.7	0.19	0.45	0.15	6.7	0.43	0.56
Casement	0.18	5.6	0.24	0.38	0.18	5.6	0.17	0.39	0.19	5.3	0.38	0.48
Awning	0.18	5.6	0.24	0.38	0.18	5.6	0.17	0.39	0.19	5.3	0.38	0.48
Single Hung	0.18	5.6	0.26	0.42	0.19	5.3	0.19	0.43	0.19	5.3	0.41	0.53
Double Hung	0.20	5.0	0.25	0.40	0.21	4.8	0.18	0.41	0.21	4.8	0.39	0.50
Horizontal Sliding	0.18	5.6	0.27	0.43	0.19	5.3	0.19	0.44	0.19	5.3	0.42	0.54
Sliding Glass Door	0.19	5.3	0.26	0.43	0.19	5.3	0.19	0.44	0.20	5.0	0.41	0.53

DESIGNING WITH ALPENGLASS:

Alpenglass <i>Balanced</i>	Optimal blend of low U-factor and moderate solar control, a well-rounded solution for high performance homes in all climates
Alpenglass <i>SolarControl</i>	Extra protection against unwanted solar gain to keep spaces cool in summer and swing seasons, ideal for West- and South-facing windows in most climates
Alpenglass <i>HighGain</i>	Maximum light and solar heat gain, ideal for passive solar homes and North-facing and well-shaded windows in spaces where more daylight is desired

WINDOW TYPES



Exterior Trim Accessories: Nailing Fin, Aluminum Brickmold, 3-1/4" and 2-5/8" Frame Extenders

Interior Trim Accessories: Jamb Extensions: 4-9/16", 6-9/16", Pine, Oak and Fir

SIMULATED DIVIDED LIGHTS

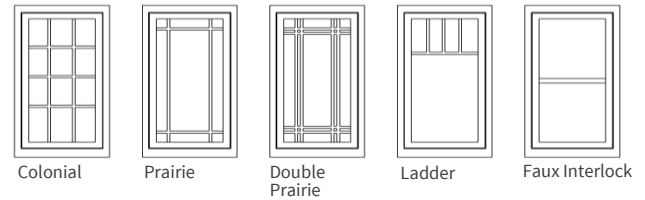
Zenith Series ZR-7 / 725 windows offer interior and exterior-applied Simulated Divided Light (SDL) Grids in classic styles and custom patterns.

Interior (Wood)

Interior grille matches interior paint and color. For windows with interior wood veneer, grille arrives unfinished, ready to stain.

Exterior (Aluminum)

Exterior grille matches exterior paint color.



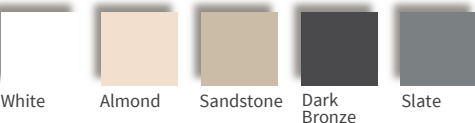
Contoured Grid Profile Widths: 7/8", 1-1/4" and 2"

PAINT AND FINISH OPTIONS

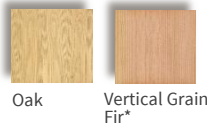
Standard Colors: Casement, Awning, Picture Windows and Sliding Patio Doors



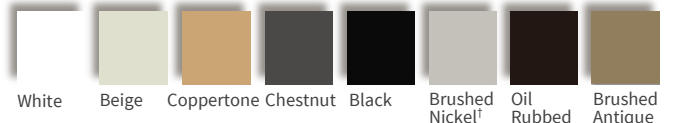
Standard Colors: Single and Double Hungs, Horizontal Sliders



Real Wood Interiors:



Hardware: Operable windows and Sliding Patio Doors



*Real metallic finish

*Vertical Grain Fir not available on sliding windows or doors

†Decorative metal upgrades are real metals with "living" finish, patina may change with age