



## Zenith Series ZR-10 Windows

*The only commercially available, NFRC-certified full frame 0.10 U-factor window in North America.*

*Finally, the R10 window has arrived.*

Window manufacturers have been working for decades to develop a commercially viable, full frame R10 window. Now, an industry leader has emerged with the only full frame certified R10 window on the market—Alpen High Performance Products.

### Alpen's Zenith Series ZR-10 Features:

- ZR-10 high profile fixed window NFRC Certified to U-0.10 (R-10)
- Operable windows NFRC Certified to U-0.14 (R-7.1)
- Super-insulated energy efficient pultruded fiberglass frames
- Double film, triple chamber insulated glass assemblies featuring four independent low-e surfaces
- High-performance spacers and high-performance inert gas fill
- 99.5 % UV protection
- Extraordinary solar control with center of glass SHGC-0.18
- Proudly designed, developed and manufactured in the US

## TECHNICAL SPECIFICATIONS



### Zenith Series ZR-10 Full Frame NFRC Thermal Performance:

ZR-10	SolarControl				Center-of-Glass			
	U-factor	R-value	SHGC	VT	U-factor	R-value	SHGC	VT
<b>Fixed Low Profile</b> <i>Suspended Film</i>	0.11	9.1	0.19	0.44	0.06	16.7	0.18	0.38
<b>Fixed High Profile</b> <i>Suspended Film</i>	0.10	10.0	0.15	0.30	0.06	16.7	0.18	0.38
<b>Casement</b> <i>Suspended Film</i>	0.14	7.1	0.13	0.26	0.06	16.7	0.18	0.38
<b>Awning</b> <i>Suspended Film</i>	0.14	7.1	0.13	0.26	0.06	16.7	0.18	0.38
<b>Sliding Glass Door</b> <i>Suspended Film</i>	0.14	7.1	0.14	0.29	0.06	16.7	0.18	0.38

#### ALPENGlass SOLARCONTROL ZR-10 FEATURES:

Double film, triple chamber insulated glass assemblies with four independent low-e surfaces results in maximum solar control and center-of-glass R-value **16.7**

Ideal for cooling and heating dominated climates alike. Use with Alpen Zenith ZR-9 Series glazing to create whole-building with directionally-tuned performance.

## WINDOW TYPES, TRIM ACCESSORIES & SIMULATED DIVIDED LIGHTS

### Window Types

Fixed Low Profile (up to 68" x 72" or 48" x 96"), Fixed High Profile (up to 68" x 72" or 48" x 96"), Casement (up to 36" x 72"), Awning (up to 60" x 36"), Radius & Shapes, Custom Sizes, Sliding Patio Doors (2-, 3- and 4-panel options up to 16' x 8' overall), Muller Window Walls (up to 96" x 105")

### Trim Accessories

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

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

### Simulated Divided Lights

Zenith Series ZR-10 windows offer interior and exterior-applied Simulated Divided Light (SDL) Grids in classic styles and custom patterns.

**Interior:** Interior grille matches interior paint and color.

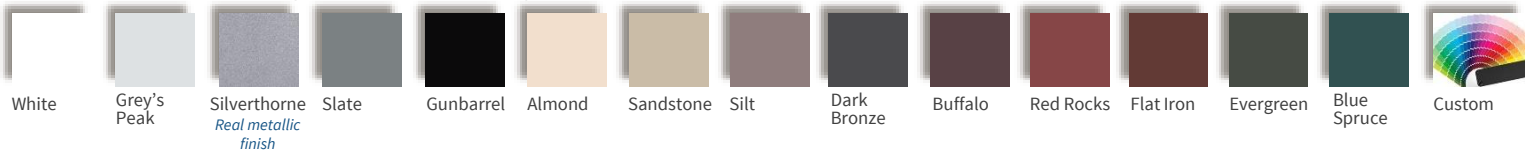
**Exterior (Aluminum):** Exterior grille matches exterior paint color.

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

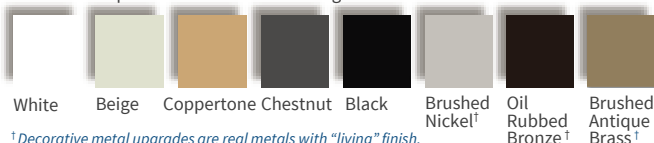
**Grid Styles:** Colonial, Prairie, Double Prairie, Ladder, Faux Interlock

## PAINT AND FINISH OPTIONS

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



**Hardware:** Operable windows and Sliding Patio Doors



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

