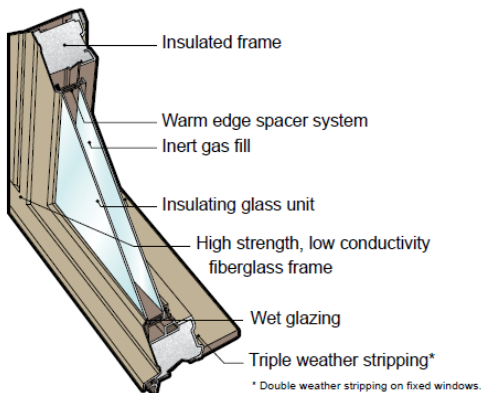




ZR-3 Series Alpen Windows

More durable than aluminum or vinyl, and with greater thermal efficiency than wood, Alpen's fiberglass ZR-3 Series windows are the ideal choice for commercial buildings. The multiple advantages and benefits of Alpen fiberglass make it a versatile fenestration choice because of its strength, durability, low maintenance, energy efficiency and sustainable material properties.

ZR-3 Features:



- NFRC total unit performance up to R-3.8 (U-0.26)
- Fully insulated fiberglass frames
- Energy Star™ 30/30 compliant
- Excellent solar heat gain control
- Superior air- and water infiltration resistance
- Optional Living Building Challenge **DECLARE** Label construction

NFRC Thermal Performance Data



Glass Package	3L Super				3M Super				3H Super			
	U-factor	R-value	SHGC	VT	U-factor	R-value	SHGC	VT	U-factor	R-value	SHGC	VT
Fixed Low Profile	0.26	3.8	0.24	0.58	0.26	3.8	0.37	0.64	0.27	3.7	0.58	0.70
Fixed High Profile	0.24	4.2	0.22	0.52	0.25	4.0	0.33	0.57	0.25	4.0	0.52	0.63
Casement	0.25	4.0	0.19	0.44	0.26	3.8	0.29	0.49	0.27	3.7	0.45	0.54
Awning	0.25	4.0	0.19	0.44	0.26	3.8	0.29	0.49	0.27	3.7	0.44	0.54
Sliding Glass Door	0.26	3.8	0.21	0.49	0.27	3.7	0.32	0.55	0.28	3.6	0.49	0.60
Horizontal Slider	0.26	3.8	0.21	0.50	0.27	3.7	0.32	56.00	0.28	3.6	5.00	0.61
Double Hung	0.27	3.7	0.20	0.46	0.28	3.6	0.30	0.51	0.29	3.4	0.46	0.57
Single Hung	0.26	3.8	0.21	0.49	0.27	3.7	0.32	0.54	0.27	3.7	0.49	0.60

Window Styles



Window Type

Fixed Picture

Single Hung

Double Hung

Casement

Awning

Sliding

Sliding Patio Door

Jamb Extensions

4 9/16, 6 9/16, Pine and Oak

Frame Style

Nail fin, block frame, brick mould, brick mould with nail fin

Colors and Finishes

Picture Windows, Casements, Awnings and Sliding Patio Doors



White Grey's Peak Silverthorne Slate Gunbarrel Almond Sandstone Silt Dark Bronze Buffalo Red Rock Flat Iron Evergreen Blue Spruce

Single Hung, Double Hung and Sliding Window



White Almond Sandstone Dark Bronze Slate

Hardware



White Beige Black Coppertone Chestnut *Oil Rubbed Bronze *Brushed Antique Brass *Brushed Nickel