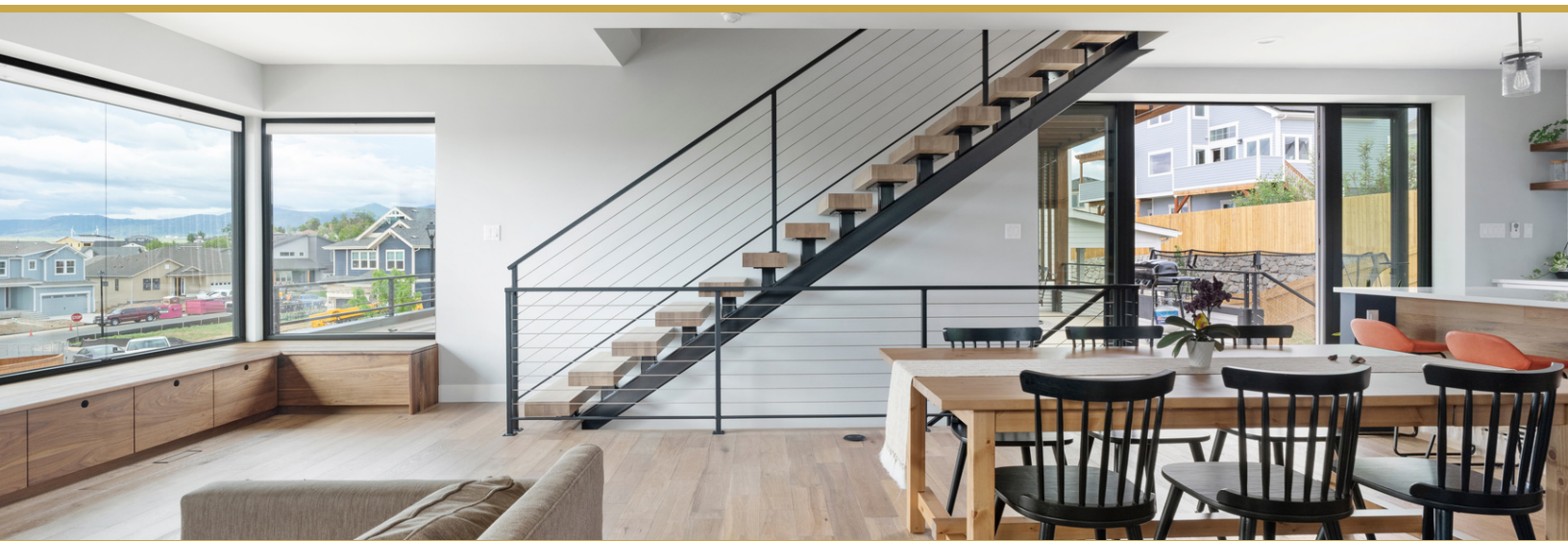




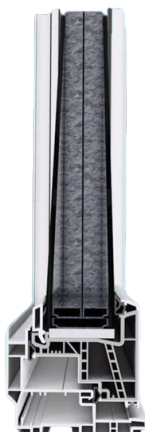
Triple-Pane Performance. Builder Simplicity.

Aspekt+ Builder by Alpen brings Passive House-level thermal performance to homebuilding without adding complexity to the build process. Built on the proven and award-winning Aspekt+ series platform, it delivers advanced frame technology and triple-pane glazing in a simplified, builder-focused offering designed for speed, consistency, and faster spec-to-install timelines.

The Aspekt+ Builder series is available exclusively to builders in Minnesota, Illinois, and Colorado.



- **AlpenGlass Thin Triple-Pane IGU:** Roughly $\frac{2}{3}$ the weight of conventional triple-pane
- **Proprietary fiber-reinforced composite frame:** Multi-chambered, fusion-welded corners. Best-in-class insulating properties, airtightness, and long service life.
- **Fits standard rough openings:** Integrated nail fin for familiar North American installation. Installs like the windows builder crews already know.
- **Premium hardware:** Multi-point locking, twin compression seals. Up to CW-PG70 structural.
- **NAMI/IGCC certified** for all altitudes and climates (ASTME2190). Proven from MN plains to CO peaks.
- **High STC and OITC ratings.** Quiet sells itself.
- **Built for High Performance:** NFRC whole-window ratings up to R 6.7 (U-0.15) for maximum energy savings and comfort.



AR-6 FULL FRAME NFRC THERMAL PERFORMANCE						
TYPE	GLASS PACKAGE	U-FACTOR	R-VALUE	SHGC	VT	CR
Fixed Low Profile	Balanced-6 TGT	0.15	6.7	0.31	.50	76
Casement	Balanced-6 TGT	0.17	5.9	0.23	0.37	80
Awning	Balanced-6 TGT	0.17	5.9	0.23	0.37	80

Balanced

Low U-Factor, High Visible Light

AlpenGlass: ThinGlass Triple (TGT)

* Performance data is calculated according to NFRC-100, 200.

Size Capabilities

CONFIGURATION	MIN W	MIN H	MAX W	MAX H	MAX AREA
Fixed Low Profile	14" *	17"	96"	96"	48 ft ²
Casement	18-1/2"	23"	42"	84"	20 ft ²
Casement (OP08 HD)	18-1/2"	23"	42"	84"	24 ft ²
Awning	18-1/2"	18-1/2"	61"	84"	20 ft ² **

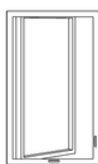
* At 14" short side, other dimension must be at least 20"

** Hinge stop required when awning sash exceeds 50 lbs (~11.5 ft²). Limits opening to 60°.

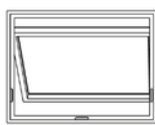
Window Types



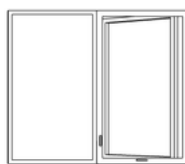
Fixed
Low Profile



Casement
Project-Out



Awning
Project-Out



Combination
Muller
Assemblies

Frame Color



White

Handle Colors



White

Why Builders Choose Aspekt+ Builder



High Performance That Pays Off

- Up to 30% less heat loss vs. code-minimum double-pane
- Supports lower Home Energy Rating System (HERS) Index scores and easier code compliance
- Smaller HVAC systems: lower upfront mechanical costs
- Near-zero condensation - fewer callbacks, happier homeowners



Triple-Pane Without the Tradeoffs

- Roughly 2/3 the weight of conventional triple-pane units
- Thinner profile fits standard rough openings
- Faster installs with less crew fatigue



Built for the Way Builders Build

- Streamlined offering: one color, standard hardware, four configurations.
- Faster project with 4-6 week lead times
- Installs like standard windows - no specialized training required.
- Any sizing available within standard minimum and maximum ranges