



Legends Series

AW3000

Aluminum Clad Wood • For Pocket Insert • Awning Window

PRODUCT SPECIFICATIONS

FRAME

- All exterior parts are of .050" maintenance-free extruded aluminum and mitered corners are tightly joined with screws and corner keys.
- Head, jamb and sill wood parts are fitted to the extruded aluminum and are of kiln dried ponderosa pine, treated with a water repellant preservative. Optional species available are mahogany, oak and cherry.
- Head, jamb and sill wood joints are tenoned, glued and nailed.
- Frame thickness: 1 ⁵/₁₆" at jamb, head and sill.
- Standard jamb depth: 3 ¹/₄" stepped jamb for sash pocket installation.
- Available with optional ³/₈" foam wrap for air tight installation.

SASH

- All exterior parts are of .050" maintenance-free extruded aluminum and mitered corners are tightly joined with screws and corner keys.
- Sash wood parts are of kiln dried ponderosa pine, treated with a water repellant preservative. Optional species available are mahogany, oak and cherry.
- Sash wood joints are tenoned, glued and nailed from the interior.
- Silicone glazed from the interior for a positive water tight seal.
- Overall finish sash thickness: 1 ³/₄". Sash profile dimension is 2".

EXTERIOR FINISH

- For standard colors, the extruded aluminum frame is a one-coat spray applied PPG Polycron III finish, meeting the physical test requirements of AAMA 2603.
- Standard color options are: white, bronze, earthtone, beige, black and hunter green. Custom colors available.
- All custom colors meet the physical test requirements of AAMA 2605.

INTERIOR FINISH

- Standard in unfinished natural wood in specified species (pine (standard), mahogany, oak or cherry) which can be painted or stained.
- Available factory primed or prefinished white in pine (standard) or mahogany. Oak and cherry in unfinished natural wood only. Contact Trimline dealer for custom color details.

HARDWARE

- A single point or multi-point locking system is utilized and consists of concealed two-bar stainless steel hinges as well as a dual arm operator and zinc alloy cover with folding handle which nests compactly into the cover making it virtually disappear.
- All hardware components are of a zinc alloy in matching finish available in: Polished brass, antique brass, chrome, brushed chrome, oil rubbed bronze, pewter and brushed nickel as well as white, earthtone and beige.

WEATHERSTRIPPING

- Standard double weatherstripping system. The frame parts have a full surround foam style weatherstripping. The sash is completely surrounded by Q-lon weatherstripping. Together they seal the sash to the frame providing superior thermal performance.

GLASS

- Standard clear ³/₄" thick insulating glass, consisting of "double strength" 3 mm annealed glass, ¹/₂" air space using Tremco's EnerEDGE® warm-edge, dual-seal silicone foam spacer, hermetically sealed with hot melt butyl.
- All insulating glass units meet IGMA and NFRC 706 requirements for seal durability and gas retention per ASTM E2190, E2188-10 & E2189-10.
- Other glazing options Comfort E and Comfort E Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint. Decorative glass also available.

INSECT SCREENS

- Standard full screen of .019" thick roll formed aluminum mounted in a wooden screen track.
- Standard colors available: white, bronze, earthtone, beige, black and hunter green. Custom colors also available.
- Charcoal fiberglass screen cloth (18 x 16 mesh) standard; optional screen mesh available in charcoal or aluminum color wire or Better View™ high transparency screening in charcoal fiberglass cloth only.

GRILLES

- **Simulated Divided Lites (SDL)** of .050" thick extruded aluminum in a classic putty glazed $\frac{5}{8}$ ", $\frac{7}{8}$ ", 1", 1 $\frac{1}{4}$ " or 1 $\frac{1}{2}$ " muntin profile permanently applied to exterior of the insulated glass. Double faced tape is used to apply muntin to the glass which first is prepared with a saline type glass bonding and coupling agent before muntin is applied to help ensure lasting adhesion. An optional between the glass dark bronze shadow bar is available for an authentic true divided lite look. Interior wood in pine (standard), mahogany, oak or cherry matching the interior wood species in either permanent or removable style $\frac{5}{8}$ " or $\frac{7}{8}$ " wide divided lite patterns only. Removable style not available in 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ " widths.
- **Full surround removable wood grilles** available in $\frac{5}{8}$ " or $\frac{7}{8}$ " wide classic double stepped profile matching window interior wood species in pine (standard), mahogany, oak or cherry in a wide array of standard or custom divided lite patterns only. Grille frame utilizes a snap-in installation with concealed hardware.
- **In-glass aluminum "GBG"** (Grille Between the Glass) muntins are available in $\frac{5}{8}$ " flat profile or $\frac{7}{8}$ " sculptured profile in all standard exterior cladding color finishes for dust free easy cleaning. Available in either divided lite or diamond patterns.
- **Combo wood-aluminum:** $\frac{5}{8}$ " flat or $\frac{3}{4}$ " sculptured in-glass aluminum muntin with either permanently applied (see SDL) or removable wooden interior wood grille in pine (standard), mahogany, oak or cherry.

ACCESSORIES

- A standard zero clearance mullion is used for factory mulling of windows without increasing the combined unit dimension of the windows mulled.
- Interior wooden mullion covers in pine (standard), mahogany, oak or cherry are provided loose.
- $\frac{11}{16}$ " interior wooden jamb extension in pine (standard), mahogany, oak or cherry are factory applied to the perimeter of the window and are available in custom sizes to provide an overall jamb depth up to 9".

WARRANTY

- Limited 10 year.
- 20 years non-prorated on insulating glass.
- Non-square, decorative/leaded glass 5 years.

PERFORMANCE

Thermal Ratings

Glazing	U-Value	R-Value	SHGC	VT	CRF
Comfort E	.35	2.86	.27	.49	54
Comfort E Plus	.32	3.12	.27	.47	45

Comfort E – 3mm RLE CS-36 (#2) / Clear / Argon

Comfort E Plus – 3 mm RLE CS-36 (#2) / CS-72 (#4) / Argon

SHGC = Solar Heat Gain Coefficient

VT = Visible Transmittance

Structural Ratings

Test Speciman	Air Infiltration	Performance Class-Grade
48.0" x 32.0" (1219 mm x 813 mm)	<.01 cfm/ft ²	CW-70

TEST STANDARDS

- NFRC certified: meets or exceeds rating and labeling requirements as per NFRC 100, 200 and 500 test procedures.
- AMMA/WDMA/CSA 101/I.S.2/A440-05
- ENERGY STAR® certified