

PRODUCT SERIES: LEGENDS ECLIPSE CLAD
PRODUCT: EC300 (FOR REMODELING AND NEW CONSTRUCTION; DOUBLE HUNG WINDOW)
PRODUCT SPECIFICATIONS

FRAME	<ul style="list-style-type: none"> • All exterior parts are of .050 maintenance-free extruded aluminum and mitered corners are tightly joined with concealed dual corner keys. • Jamb and head wood parts are fitted to the extruded aluminum and are of kiln dried western pine treated with a water repellent preservative and jamb/head joints are glued, tenoned and nailed. • Frame thickness: 1 1/16" at jamb and head. • Frame width: 4 9/16" from snap-in nail flange slot; 5 1/2" overall from outside of aluminum to inside of wood. • A thermally broken tri-plex sill system of wood, extruded aluminum and vinyl is mechanically fastened, gasket and siliconed sealed to the jamb. • Available with optional foam wrap for air tight installation.
SASH	<ul style="list-style-type: none"> • All exterior surfaces are covered with .019 thick roll formed aluminum cladding. • Silicone glazed from the interior for a positive water tight seal; sash joints are glued, tenoned and nailed from the interior. • Standard sash are of the finest quality kiln dried solid select 6/4 western pine treated with a water repellent preservative. Optional species available are White Oak, Cherry, and Mahogany. • Operating sash with locking pivot shoe tilt-in and can be removed for safe easy cleaning. • Overall finish sash thickness: 1 1/2" standard or optional 1 3/4" available; sash profile dimensions are: stiles (1 7/8"), top rail (2 5/8"), bottom rail (3 1/4") and meeting rails (1 1/4"). Optional 4" bottom sash rail available. • Unequal sash heights can be specified.
EXTERIOR FINISH	<ul style="list-style-type: none"> • For standard colors, the extruded aluminum frame is a one-coat spray applied system PPG Polycron III finish meeting the physical test requirements of AAMA 2603; AAMA 2604 or AMMA 2605 finish also available as specified. The roll formed sash cladding is a reverse roll-coat system using 70% Kynar resin, meeting the physical test requirements of AAMA 2605. • 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	<ul style="list-style-type: none"> • Standard in unfinished natural wood in specified species (Pine standard, oak, cherry or mahogany) which can be painted or stained. • Interior features a concealed jambliner giving the appearance of a traditional wood window. • Available factory primed or prefinished white. Contact Trimline dealer for custom color details.
HARDWARE	<ul style="list-style-type: none"> • Combination locking and tilting hardware system. Tilt feature is activated via an internal tie-bar mechanism concealed within the sash eliminating the need for surface mounted tilt latches providing a cleaner more traditional appearance. • All hardware components are of zinc alloy in matching finish available in: beige, white, oil rubbed bronze and satin nickel.
BALANCE SYSTEM	<ul style="list-style-type: none"> • Concealed block and tackle system for smooth and effortless operation with locking cam action pivot shoes and never needs adjusting. AAMA 902-07 tested for over 28,000 cycles without failure.
WEATHERSTRIPPING	<ul style="list-style-type: none"> • Head, bottom rail and meeting rail are weather sealed with almond color compression seal foam Q-Lon® and Fin-Seal® at the sill dam. • Vertical stiles are sealed via Q-Lon® foam compression seal inserted into a flexible t-slot which is intergral to the jambliner. Flexible T-slot assists the compression seal substantially in compensating for any "bowing" occurring during installation.
GLASS	<ul style="list-style-type: none"> • Standard clear 1 1/16" thick insulating glass, consisting of "double strength" 3mm annealed glass, 7/16" airspace using warm edge dual seal EnerEDGE silicone foam spacer, hermetically sealed with hot melt butyl. • All insulating glass units meets IGMA and NFRC 706 requirements for seal durability and gas retention as per ASTM E2190, E2188-10 & E2189-10. • Other glazing options include ClimaGuard and ClimaGuard Plus Low E with argon gas, obscure, tempered, laminated, bronze or grey tint. Decorative glass also available.

<p>INSECT SCREENS</p>	<ul style="list-style-type: none"> • Standard full screen of .019 thick roll formed aluminum; spring loaded plunger hardware system fixes screen to exterior track; crossbrace used on windows over 40" in height. Optional fixed half screen also available. • Optional interior sliding half screen of .050 thick extruded aluminum; increases overall jamb depth to 4 7/8" • 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 cloth or Better View™ high transparency screening in charcoal cloth only. 																																																															
<p>GRILLES</p>	<ul style="list-style-type: none"> • Simulated Divided lites (SDL) of .050 thick extruded aluminum in a classic putty glazed 5/8", 7/8", 1", 1 1/4" or 1 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), oak, cherry or mahogany matching the interior wood species in either permanent or removable style 5/8" or 7/8" wide divided lite patterns only. Removable style not available in 1", 1 1/4", 1 1/2" widths. • Removable wood grilles: available in 5/8" or 7/8" wide classic double stepped profile matching window interior wood species in pine (standard), oak, cherry or mahogany in a wide array of standard or custom divided lite patterns only. • In-glass aluminum "GBG" (grilles between the glass) muntins are available in 5/8" flat profile or 3/4" 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: 5/8" flat or 3/4" sculptured in-glass aluminum muntin with either permanently applied (see SDL) or removable wooden interior wood grille in pine (standard), oak, cherry or mahogany. 																																																															
<p>ACCESSORIES</p>	<ul style="list-style-type: none"> • The following optional exterior .050 extruded aluminum brickmould and sill nosing are available: 908 brickmould (1 1/2"), Richmond (1 3/4"), Arlington (flat 2 1/8"), Cambridge (2 3/4"), Huntingdon (2 1/4") Kensington (2 3/4"), Meridian (3.0") and Lexington (2 3/4"). • Snap-in Pre-slotted hinged vinyl installation flange is available for mounting the window in the rough opening: Adhesive backed corner gaskets form a continuous seal around the entire perimeter of the window. • A standard zero clearance mull is used for factory mulling of windows without increasing the combined unit dimension of the windows mullied. • Optional 2", 4" and 6" exterior spread mullion covers are also available with internal support blocking; interior wooden mull covers in pine (standard), oak, cherry and mahogany as specified are provided loose. • 11/16" interior wooden jamb extension in pine (standard), oak, cherry and mahogany are factory applied to the perimeter of the window and are available in custom sizes to provide overall jambs depth up to 9". 																																																															
<p>WARRANTY</p>	<ul style="list-style-type: none"> • Limited 10 year. • 20 years non-prorated on insulating glass. • Non-square, decorative/leaded glass 5 years. 																																																															
<p>PERFORMANCE</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="7" style="text-align: center;">Thermal Ratings</th> </tr> <tr> <th style="text-align: center;"><u>Glazing</u></th> <th style="text-align: center;"><u>U-Value</u></th> <th style="text-align: center;"><u>R-Value</u></th> <th style="text-align: center;"><u>SHGC</u></th> <th style="text-align: center;"><u>V.T.</u></th> <th style="text-align: center;"><u>CRF</u></th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Clima Guard</td> <td style="text-align: center;">.29</td> <td style="text-align: center;">3.45</td> <td style="text-align: center;">.28</td> <td style="text-align: center;">.50</td> <td style="text-align: center;">57</td> <td></td> </tr> <tr> <td style="text-align: center;">Clima Guard Plus</td> <td style="text-align: center;">.26</td> <td style="text-align: center;">3.85</td> <td style="text-align: center;">.27</td> <td style="text-align: center;">.49</td> <td style="text-align: center;">47</td> <td></td> </tr> <tr> <td colspan="7" style="text-align: center;">Clima Guard - 3mm RLE 7138 (#2) / Clear / Argon</td> </tr> <tr> <td colspan="7" style="text-align: center;">Clima Guard Plus - 3mm RLE 7138 (#2) / IS-20 (#4) / Argon</td> </tr> <tr> <th colspan="7" style="text-align: center;">Structural Ratings</th> </tr> <tr> <th style="text-align: center;"><u>Test Specimen</u></th> <th colspan="2" style="text-align: center;"><u>Air Infiltration</u></th> <th colspan="4" style="text-align: center;"><u>DP Rating</u></th> </tr> <tr> <td style="text-align: center;">44 x 75 (1120 x 1905)</td> <td colspan="2" style="text-align: center;">.08 cfm/ft²</td> <td colspan="4" style="text-align: center;">LC45</td> </tr> </tbody> </table>	Thermal Ratings							<u>Glazing</u>	<u>U-Value</u>	<u>R-Value</u>	<u>SHGC</u>	<u>V.T.</u>	<u>CRF</u>		Clima Guard	.29	3.45	.28	.50	57		Clima Guard Plus	.26	3.85	.27	.49	47		Clima Guard - 3mm RLE 7138 (#2) / Clear / Argon							Clima Guard Plus - 3mm RLE 7138 (#2) / IS-20 (#4) / Argon							Structural Ratings							<u>Test Specimen</u>	<u>Air Infiltration</u>		<u>DP Rating</u>				44 x 75 (1120 x 1905)	.08 cfm/ft ²		LC45			
Thermal Ratings																																																																
<u>Glazing</u>	<u>U-Value</u>	<u>R-Value</u>	<u>SHGC</u>	<u>V.T.</u>	<u>CRF</u>																																																											
Clima Guard	.29	3.45	.28	.50	57																																																											
Clima Guard Plus	.26	3.85	.27	.49	47																																																											
Clima Guard - 3mm RLE 7138 (#2) / Clear / Argon																																																																
Clima Guard Plus - 3mm RLE 7138 (#2) / IS-20 (#4) / Argon																																																																
Structural Ratings																																																																
<u>Test Specimen</u>	<u>Air Infiltration</u>		<u>DP Rating</u>																																																													
44 x 75 (1120 x 1905)	.08 cfm/ft ²		LC45																																																													
<p>TEST STANDARD</p>	<ul style="list-style-type: none"> • 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 																																																															