

Architectural Windows & Doors

High Performance Aluminum Window Systems

- EnerGsave
- Single Hung
- Double Hung
- Horizontal Slider
- Commercial Fixed
- Projected In & Out
- Casement
- Tilt & Turn
- Projected Fixed
- Sliding Glass Door
- Terrace Door

-
- Architectural
 - Acoustical
 - Blast / ATFP
 - Hurricane / Impact / Coastal
 - Historical

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- Airports / Sound Abatement
 - Military
 - Government / Municipal
 - Commercial
 - Universities / Dormitories
 - Schools
 - Hospitals
 - High-Rise Complexes
 - Condominiums / Apartments
 - Hotels / Motels / Casinos
 - Window Wall

EnerGsave Products

Peerless is proud to offer the most innovative window product in the industry today.

AAMA Performances

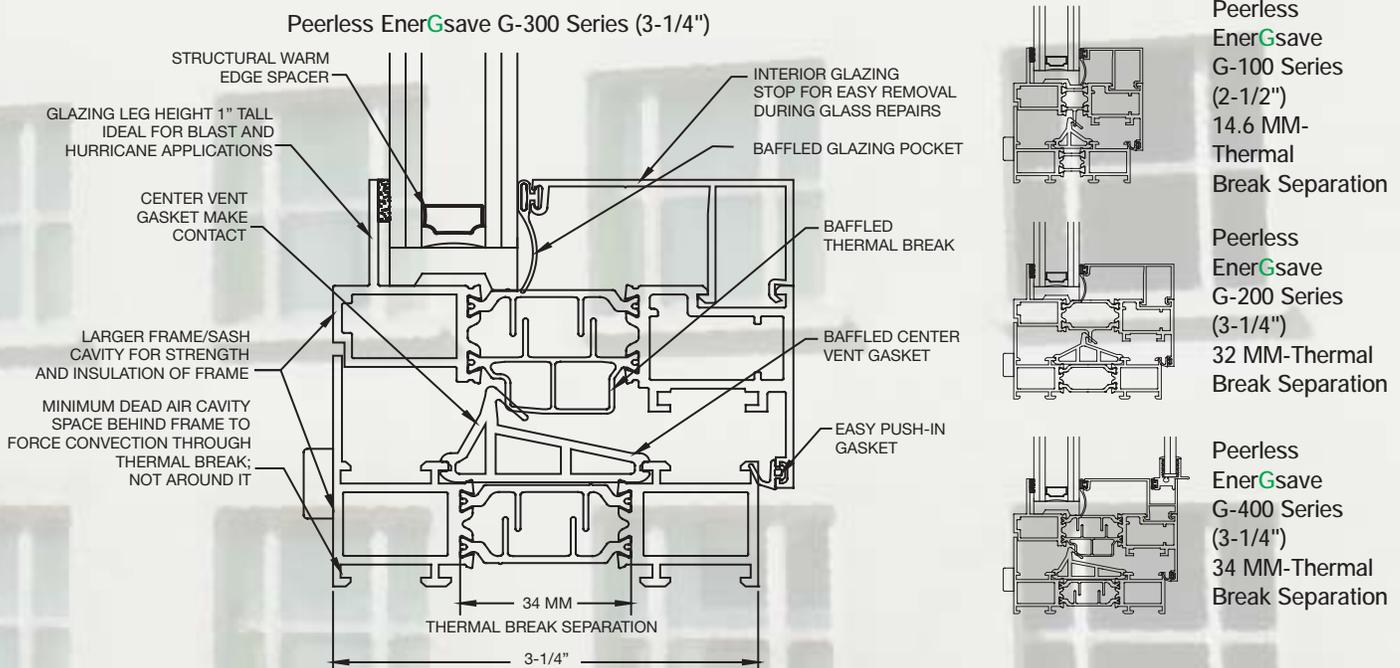
Configuration	Rating	Water
Fixed @ 60" x 99"	AW-70	15psf
Fixed/Fixed @ 60" x 99"	AW-80	15psf
Casement @ 36" x 60"	AW-100	15psf
Casement @ 48" x 71"	AW-65	15psf
Twin Case @ 72" x 60"	AW-100	15psf
Projected @ 60" x 36"	AW-100	15psf
Fixed/Projected @ 60" x 99"	AW-80	15psf
Dual Action @ 60" x 99"	AW-60	15psf

EnerGsave products currently consist of four projected series. These four series all utilize the same extrusion profiles, however, each has its own thermal strip/gasket design that can be sized to your project's thermal needs.

Series	Fixed	Operable	Fixed/Operable
G-100	U=.31-.34	U=.34-.43	U=.35-.39
G-200	U=.30-.33	U=.32-.42	U=.34-.38
G-300	U=.29-.32	U=.30-.36	U=.34-.32
G-400	U=.23-.25	U=.24-.30	U=.25-.28

- ❖ All models calculated with 1" IGU (1/4" soft coat low e, 1/2" warm edge spacer with argon, 1/4" clear). G-400 values include a 1/4" clear interior panel utilized for sound control with STC values in the high 40's.
- ❖ Energy models are all created by a third party agency utilizing NFRC approved software. Performance ranges above vary based upon window size.
- ❖ Both in-swing and out-swing configurations available. Windows can accommodate your blast, hurricane, and acoustical needs.
- ❖ Complete Euro-groove hardware line available with color match options, concealed 4-bar hinges, 90 degree concealed hinges, and optional white bronze hardware.

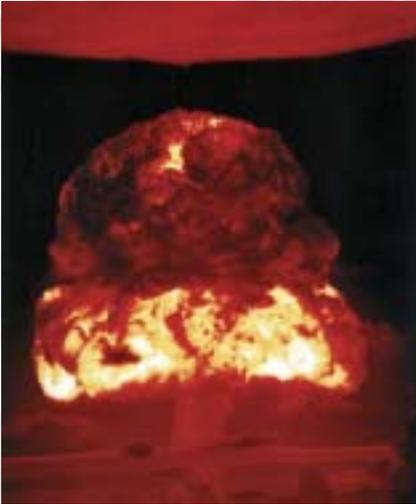
The Most Advanced Window Available!



The wood grain films available for the interior of EnerGsave products are shown below.



Specialty Products



* INDUSTRY LEADER IN BLAST PROTECTION

Work with an industry leader in blast protection and choose from over 40 models that meet military UFC4-010-1 specifications.



ACOUSTICAL

Due to sound abatement window products commonly required in buildings around airports, train railways and high traffic areas Peerless offers both residential and commercial products.



HOTEL/MOTEL NAILFIN

For time-saving solutions for your hotel/motel project, specify integral nail fins for fixed, hung, sliding and projected windows.



* INDUSTRY LEADER IN HURRICANE/IMPACT

Utilize any of the 30+ cutting edge hurricane/impact products from Peerless that meet AAMA 506 specifications. For your convenience Peerless is also Florida Building Commission approved.



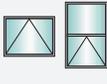
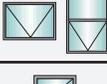
HISTORICAL

Specify window units that are tailored to meet specific sight lines matching both wood and steel replacement applications. Take advantage of Peerless' engineered features and installation accessories that compliment your window and create a historic look.



WINDOW WALL

At Peerless you will find the engineered window solution your large-opening projects require (including slab-to-slab construction commonly found in condominiums and high/low rise apartments).

Window Elevations	Model Number & Description	Frame Depth (Inches)	Rating AAMA WDMA/C-CA 101 (S, 2, 4) 40-05			Air Infiltration @ 6.24 @ .57 psi as allowed by AAMA	Tested Water Resistance Test Pressure (PSF)	Performance ranges below vary upon window size	STC Range-Sound Transmission Class	Blast/ATFP	Hurricane/Impact	Notes
			AW	U-Value	U-Value							
	G141/G241/G341/G441-Fixed	2 1/2- 3 1/4	AW 70	<.1	15	(*) 0.230 - 0.344	27-43	Available	Available		Most innovative green product in industry today Can accommodate blast, hurricane/impact, & acoustic needs Complete Euro-groove hardware line available with color match options, concealed 4 bar hinges, 90 degree concealed hinges, optional white bronze hardware & wood grain films available.	
	G101/G201/G301/G401-Project Out Bottom-Awning	2 1/2- 3 1/4	AW 100	<.1	15	(*) 0.291 - 0.450	27-45	Available	Available			
	G105/G205/G305/G405-Project Out Bottom-Awning	2 1/2- 3 1/4	AW 80	<.1	15	(*) 0.260 - 0.399	27-45	Available	Available			
	G111/G211/G311/G411-Project In Top-Hopper	2 1/2- 3 1/4	AW 100	<.1	15	(*) 0.291 - 0.450	27-43	Available	Available			
	G121/G221/G321/G421-Project In Top-Hopper	2 1/2- 3 1/4	AW 80	<.1	15	(*) 0.260 - 0.399	27-43	Available	Available			
	G151/G251/G351/G451-Casement-Outswing	2 1/2- 3 1/4	AW 65	<.1	15	(*) 0.269 - 0.450	27-46	Yes	Available			
	G161/G261/G361/G461-Casement-Inswing	2 1/2- 3 1/4	AW 65	<.1	15	(*) 0.269 - 0.450	27-46	Yes	Available			
G111/G211/G311/G411-Casement-Inswing Tilt & Turn	2 1/2- 3 1/4	AW 60	<.1	15	(*) 0.251 - 0.382	27-46	Yes	Available				
	4120- Single Hung (Tilt)	3 1/4	HC 50/60	<.3	8.25	(*) 0.406 - 0.477	34-37	Yes	No		Most economic (tilt) SH; ideal for blast; has fin option Popular (tilt) SH with smaller sight lines used for historic applications Popular (tilt) SH used for Impact; same window as 4120 with 12 psf sill 4" window design based on 4120 4" window design based on 4130 Ideal (side load) SH used for projects with large sash sizes (Acoustic) DG with blinds & int. & ext. beveled grid options	
	4120H- Single Hung (Tilt)	3 1/4	HC 40	<.3	8.25	(*) 0.406 - 0.477	34-37	No	No			
	4130- Single Hung (Tilt)	3 1/4	AW 45/50	<.3	12	(*) 0.406 - 0.477	34-37	Yes	Yes			
	4140- Single Hung (Tilt)	4	HC 50/60	<.3	8.25	(*) 0.416 - 0.491	34-37	Yes	Yes			
	4150- Single Hung (Tilt)	4	AW 45/50	<.3	12	(*) 0.415 - 0.491	34-37	Yes	Yes			
	9130- Single Hung (Side Load)	3 1/4	AW 50	<.3	12	(*) 0.396 - 0.453	31-35	Yes	Yes			
	9150- Single Hung (Side Load)	4	AW 75	<.3	12	(*) 0.430 - 0.501	34-40	Yes	Yes			
	4320- Double Hung (Tilt)	3 1/4	HC 50	<.3	7.5	(*) 0.386 - 0.446	31-35	No	No		Most economic (tilt) DH Same window as 4320 but has 10 psf sill 4" window design based on 4320 4" window design based on 4330 (Acoustic) DG with blinds & int. & ext. beveled grid options High STC's for acoustic around airports and high traffic areas Commonly used for storm window applications	
	4330- Double Hung (Tilt)	3 1/4	AW 50	<.3	10	(*) 0.386 - 0.446	31-35	No	No			
	4340- Double Hung (Tilt)	4	HC 50	<.3	7.5	(*) 0.394 - 0.457	31-35	No	No			
	4350- Double Hung (Tilt)	4	AW 50	<.3	10	(*) 0.394 - 0.457	31-35	No	No			
	9350- Double Hung (Side Load)	4	AW 70	<.3	12	(*) 0.452 - 0.533	33-34	Yes	No			
	6000- Double Hung -Dual Window	4 1/2 & 6	C 50/HC 40	<.3	7.5/10	(**) 0.435 - 0.470	39-51	No	No			
	3000- Double Hung-(Non-thermal)	2	C 50/HC 40	<.3	7.5/10	NA	29-32	No	No			
	9530- Horizontal Slider	3 1/4	AW 50	<.3	10	(*) 0.378 - 0.458	31-35	Yes	Yes		Most economic slider; popular for blast & impact; has fin option (Acoustic) DG with blinds & int. & ext. beveled grid options High STC's for acoustic around airports and high traffic areas Commonly used for storm window applications	
	9540- Horizontal Slider	4	AW 70	<.3	12	(*) 0.406 - 0.502	31-39	Yes	No			
	6001- Horizontal Slider-Dual Window	4 1/2 & 6	C 60	<.3	9	(**) 0.428 - 0.477	39-51	No	Yes-4 1/2			
	3001- Horizontal Slider-(Non-thermal)	2	C 60	<.3	9	NA	29-30	No	No			
	4160- Fixed	3 1/4	AW 70	<.1	15	(*) 0.337 - 0.373	38-40	Yes	Yes		Most economic fixed; ideal for blast & impact; has fin option Transoms for 9130 SH & 9530 HS 4" window design based on 4160; offset fixed option Transoms for 9150 SH, 9350 DH, & 9540 HS High STC's for acoustic around airports and high traffic areas Commonly used for storm window applications (1) Most economic product with overlap sash (2) Based on 1800 Series design; sash is flush with frame (3) Full depth sash; ideal for acoustic & multiple glazing options (4) 4-1/2" design based on 1800's; ideal for window wall	
	9160- Fixed	3 1/4	AW 70	<.1	15	(*) 0.325 - 0.355	31-32	Yes	No			
	4170- Fixed	4	AW 70	<.1	15	(*) 0.350 - 0.391	38-40	Yes	Yes			
	9170- Fixed	4	AW 75	<.1	12	(*) 0.328 - 0.360	33-37	Yes	Yes			
	6002- Fixed-Dual Window	4 1/2 & 6	AW 60	<.1	12	(**) 0.407 - 0.444	39-51	No	No			
	3002- Fixed -(Non-thermal)	2	AW 60	<.1	12	NA	24-26	No	No			
	1841- Fixed	2	AW 75	<.1	15	(*) 0.318 - 0.345	35-41	Yes	Yes			
	1842- Fixed with Horizontal Muntin	2	AW 55	<.1	15	(*) 0.333 - 0.369	35-41	Yes	Yes			
	2541- Fixed	2 1/2	AW 75	<.1	15	(*) 0.327 - 0.358	35-41	Yes	Yes			
	2542- Fixed with Horizontal Muntin	2 1/2	AW 55	<.1	15	(*) 0.342 - 0.382	35-41	Yes	Yes			
	1241- Fixed	3 3/4	AW 85	<.1	12	(*) 0.367 - 0.414	38-48	Yes	Yes			
	1242- Fixed with Horizontal Muntin	3 3/4	AW 100	<.1	12	(*) 0.397 - 0.462	38-48	Yes	Yes			
	1941- Fixed	4 1/2	AW 75	<.1	15	(*) 0.350 - 0.390	35-41	Yes	Yes			
	1942- Fixed with Horizontal Muntin	4 1/2	AW 55	<.1	15	(*) 0.363 - 0.413	35-41	Yes	Yes			
	1801/1805- Project Out Bottom-Awning/ Fixed over POA	2	AW 100/75	<.1	12	(*) 0.364 - 0.487	36-41	Yes	Yes		(1) 1-3/8" gut capacity, dual glazed w/ blinds & removable panel (2) Popular in universities (3) Triple glazing; 1" IGU/int. blind/int. panel (hinged or removable) (4) Ideal for large openings; 4-1/2" frame has increased I-value strength	
	2501/2505- Project Out Bottom-Awning/Fixed over POA	2 1/2	AW 100/75	<.1	12	(*) 0.372 - 0.504	36-41	Yes	Yes			
	1201/1205- Project Out Bottom-Awning/ Fixed over POA	3 3/4	AW 90/95	<.1	12	(*) 0.422 - 0.567	38-47	Yes	No			
	1901/1905- Project Out Bottom-Awning/ Fixed over POA	4 1/2	AW 100/75	<.1	12	(*) 0.394 - 0.555	36-41	Yes	Yes			
	1811/1821-Project In Top-Hopper/Fixed over PIH	2	AW 100/75	<.1	12	(*) 0.362 - 0.482	36-41	No	No		(1) Ideal for schools also has blast & hurricane/impact ratings (2) Ideal for specs that require 2-1/4" minimum frame depth (3) Excellent acoustic properties with STC is in high 40's (4) Alternative to field glazed storefront	
	2511/2521- Project In Top-Hopper/Fixed over PIH	2 1/2	AW 100/75	<.1	12	(*) 0.367 - 0.484	36-41	No	No			
	1211/1221- Project In Top-Hopper/ Fixed over PIH	3 3/4	AW 90/95	<.1	12	(*) 0.417 - 0.550	38-47	No	No			
	1911/1921- Project In Top-Hopper/ Fixed over PIH	4 1/2	AW 100/75	<.1	12	(*) 0.394 - 0.553	36-41	No	No			
	1851- Casement-Outswing	2	AW 100	<.1	12	(*) 0.430 - 0.486	36-41	Yes	Yes		(3) Ideal for hospitals or facilities with concealed blinds	
	2551- Casement-Outswing	2 1/2	AW 100	<.1	12	(*) 0.443 - 0.504	36-41	Yes	Yes			
	1251- Casement-Outswing	3 3/4	AW 90	<.1	12	(*) 0.486 - 0.560	43-46	Yes	No			
	1951- Casement-Outswing	4 1/2	AW 100	<.1	12	(*) 0.480 - 0.553	36-41	Yes	Yes			
	1861- Casement-Inswing	2	AW 100	<.1	12	(*) 0.424 - 0.479	36-41	No	No			
	2561- Casement-Inswing	2 1/2	AW 100	<.1	12	(*) 0.428 - 0.484	36-41	No	No			
	1261- Casement-Inswing	3 3/4	AW 90	<.1	12	(*) 0.479 - 0.550	43-46	No	No			
	1961- Casement-Inswing	4 1/2	AW 100	<.1	12	(*) 0.480 - 0.553	36-41	No	No		Ideal for window wall applications; 1-3/8" gut for acoustics Can be used in conjunction with 1900 Series Fixed Lite to offer a fully glazed opening solution Uses all 4-1/2" window installation accessories Has bi-parting option	
	4500- Sliding Glass Door	4 1/2	AW 65/80	<.3	12 & 15	(*) 0.422 - 0.482	34-37	No	Yes			
	5000- Terrace Door	4 1/2	AW 60/90	<.1	12 & 15	(*) 0.47-0.512	41-44	Yes	Yes		Ideal for window wall applications Acoustic values near mid-40's Can be used in conjunction with 1900 Series Fixed Lite Uses all 4-1/2" window installation accessories ADA sill options available.	

(*) 1" IGU; 1/4" TIAC40 (low-E#2) 1/2" warm edge spacer with argon/1/4" clear

(**) Dual glazed; exterior 1/4" low-E (AGC #2) & interior 1/4" clear @ 6000 Series (consists of two 3000 Series windows)

(1) = 1800 Series (2) = 2500 Series (3) = 1200 Series (4) = 1900 Series