Architectural Windows & Doors

08 51 00/PEE
BuyLine 3208

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

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

Peerless
PRODUCTS · INC

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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

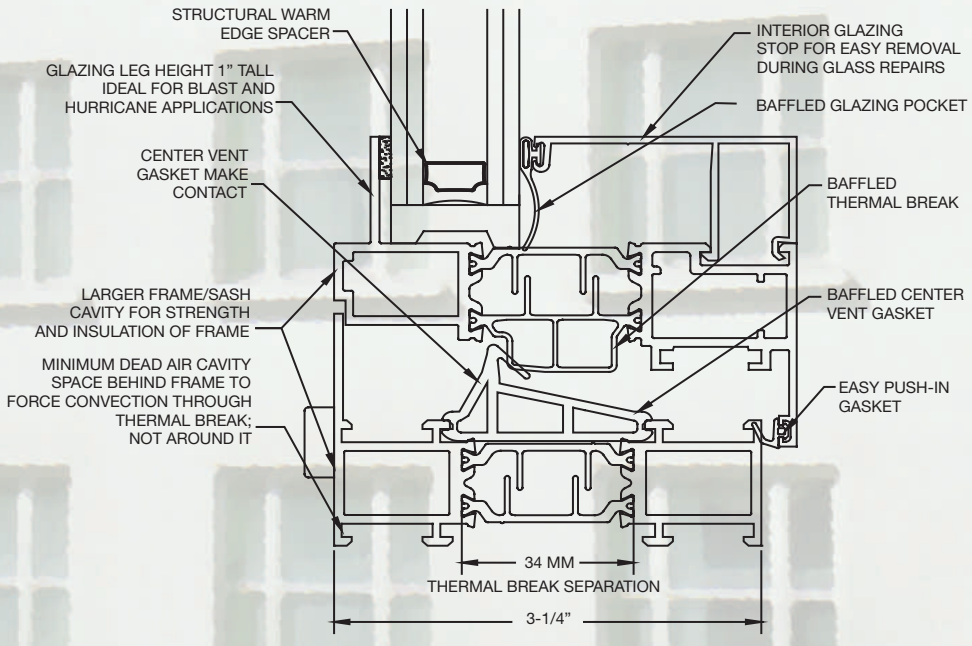
EnerGsave products currently consist of four projected series. These four series all utilize the same extrusion profiles, however, each has its own thermal strip/gasket design that can be sized to your project's thermal needs.

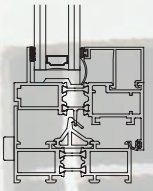
Series	Fixed	Operable	Fixed/Operable
G-100	U=.31-.34	U=.34-.43	U=.35-.39
G-200	U=.30-.33	U=.32-42	U=.34-.38
G-300	U=.29-.32	U=.30-.36	U=.34-.32
G-400	U=.23-.25	U=.24-.30	U=.25-.28

- 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.

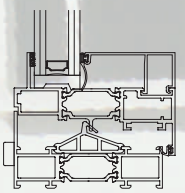
The Most Advanced Window Available!

Peerless EnerGsave G-300 Series (3-1/4")

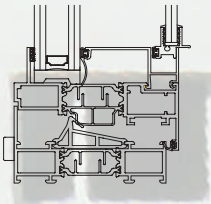




Peerless EnerGsave G-100 Series (2-1/2") 14.6 MM-Thermal Break Separation

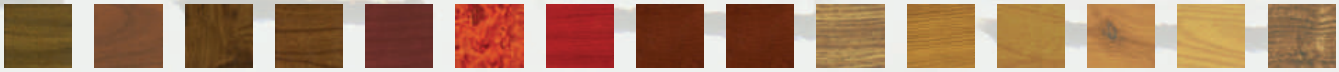


Peerless EnerGsave G-200 Series (3-1/4") 32 MM-Thermal Break Separation



Peerless EnerGsave G-400 Series (3-1/4") 34 MM-Thermal Break Separation

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



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Specialty Products

INDUSTRY LEADER IN BLAST PROTECTION

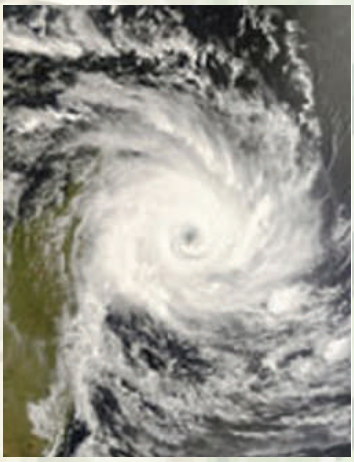
Work with an industry leader in blast protection and choose from over 40 models that meet military UFC4-010-1 specifications.

HOTEL/MOTEL NAILFIN

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

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.

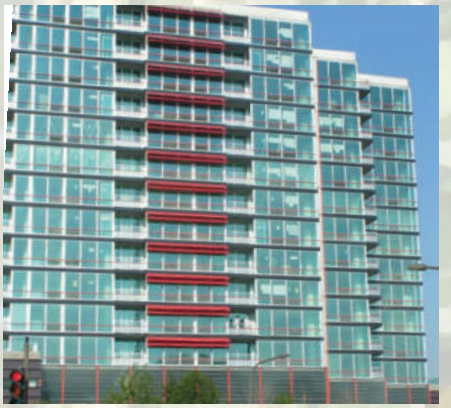


INDUSTRY LEADER IN HURRICANE/IMPACT

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.

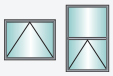
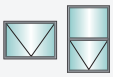
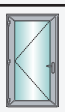
HISTORICAL

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/CSA 101/I.S.2/A440-05	Air Infiltration @6.24 @1.57 psf as allowed by AAMA	Tested Water Resistance Test Pressure (PSF)	Performance ranges below vary upon window size U-Value	STC Range-Sound Transmission Class	Blast/ATFP	Hurricane/Impact	Notes
 EnerGsave	G141/G241/G341/G441-Fixed	2 1/2- 3 1/4	AW 70	<0.1	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	<0.1	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	<0.1	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	<0.1	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	<0.1	15	(*) 0.260 - 0.399	27-43	Available	Available	
	G151/G251/G351/G451-Casement-Outswing	2 1/2- 3 1/4	AW 65	<0.1	15	(*) 0.269 - 0.450	27-46	Yes	Available	
	G161/G261/G361/G461-Casement-Inswing	2 1/2- 3 1/4	AW 65	<0.1	15	(*) 0.269 - 0.450	27-46	Yes	Available	
	G1T1/G2T1/G3T1/G4T1-Casement-Inswing Tilt & Turn	2 1/2- 3 1/4	AW 60	<0.1	15	(*) 0.251 - 0.382	27-46	Yes	Available	
	4120- Single Hung (Tilt)	3 1/4	HC 50/60	<0.3	8.25	(*) 0.406 - 0.477	34-37	Yes	No	Most economic (tilt) SH; ideal for blast; has fin option
	4120H- Single Hung (Tilt)	3 1/4	HC 40	<0.3	8.25	(*) 0.406 - 0.477	34-37	No	No	Popular (tilt) SH with smaller sight lines used for historic applications
	4130- Single Hung (Tilt)	3 1/4	AW 45/50	<0.3	12	(*) 0.406 - 0.477	34-37	Yes	Yes	Popular (tilt) SH used for Impact; same window as 4120 with 12 psf sill
	4140- Single Hung (Tilt)	4	HC 50/60	<0.3	8.25	(*) 0.416 - 0.491	34-37	Yes	Yes	4" window design based on 4120
	4150- Single Hung (Tilt)	4	AW 45/50	<0.3	12	(*) 0.415 - 0.491	34-37	Yes	Yes	4" window design based on 4130
	9130- Single Hung (Side Load)	3 1/4	AW 50	<0.3	12	(*) 0.396 - 0.453	31-35	Yes	Yes	Ideal (side load) SH used for projects with large sash sizes
	9150- Single Hung (Side Load)	4	AW 75	<0.3	12	(*) 0.430 - 0.501	34-40	Yes	Yes	(Acoustic) DG with blinds & int. & ext. beveled grid options
	4320- Double Hung (Tilt)	3 1/4	HC 50	<0.3	7.5	(*) 0.386 - 0.446	31-35	No	No	Most economic (tilt) DH
	4330-Double Hung (Tilt)	3 1/4	AW 50	<0.3	10	(*) 0.386 - 0.446	31-35	No	No	Same window as 4320 but has 10 psf sill
	4340- Double Hung (Tilt)	4	HC 50	<0.3	7.5	(*) 0.394 - 0.457	31-35	No	No	4" window design based on 4320
	4350- Double Hung (Tilt)	4	AW 50	<0.3	10	(*) 0.394 - 0.457	31-35	No	No	4" window design based on 4330
	9350- Double Hung (Side Load)	4	AW 70	<0.3	12	(*) 0.452 - 0.533	33-34	Yes	No	(Acoustic) DG with blinds & int. & ext. beveled grid options
	6000- Double Hung -Dual Window	4 1/2 & 6	C 50/HC 40	<0.3	7.5/10	(**) 0.435 - 0.470	39-51	No	No	High STC's for acoustic around airports and high traffic areas
	3000- Double Hung-(Non-thermal)	2	C 50/HC 40	<0.3	7.5/10	NA	29-32	No	No	Commonly used for storm window applications
	9530- Horizontal Slider	3 1/4	AW 50	<0.3	10	(*) 0.378 - 0.458	31-35	Yes	Yes	Most economic slider; popular for blast & impact; has fin option
	9540- Horizontal Slider	4	AW 70	<0.3	12	(*) 0.406 - 0.502	31-39	Yes	No	(Acoustic) DG with blinds & int. & ext. beveled grid options
	6001- Horizontal Slider-Dual Window	4 1/2 & 6	C 60	<0.3	9	(**) 0.428 - 0.477	39-51	No	Yes-4 1/2	High STC's for acoustic around airports and high traffic areas
	3001- Horizontal Slider-(Non-thermal)	2	C 60	<0.3	9	NA	29-30	No	No	Commonly used for storm window applications
	4160- Fixed	3 1/4	AW 70	<0.1	15	(*) 0.337 - 0.373	38-40	Yes	Yes	Most economic fixed; ideal for blast & impact; has fin option
	9160- Fixed	3 1/4	AW 70	<0.1	15	(*) 0.325 - 0.355	31-32	Yes	No	Transoms for 9130 SH & 9530 HS
	4170- Fixed	4	AW 70	<0.1	15	(*) 0.350 - 0.391	38-40	Yes	Yes	4" window design based on 4160; offset fixed option
	9170- Fixed	4	AW 75	<0.1	12	(*) 0.328 - 0.360	33-37	Yes	Yes	Transoms for 9150 SH, 9350 DH, & 9540 HS
	6002- Fixed-Dual Window	4 1/2 & 6	AW 60	<0.1	12	(**) 0.407 - 0.444	39-51	No	No	High STC's for acoustic around airports and high traffic areas
	3002- Fixed -(Non-thermal)	2	AW 60	<0.1	12	NA	24-26	No	No	Commonly used for storm window applications
	1841- Fixed	2	AW 75	<0.1	15	(*) 0.318 - 0.345	35-41	Yes	Yes	(1) Most economic product with overlap sash
	1842- Fixed with Horizontal Muntin	2	AW 55	<0.1	15	(*) 0.333 - 0.369	35-41	Yes	Yes	
	2541- Fixed	2 1/2	AW 75	<0.1	15	(*) 0.327 - 0.358	35-41	Yes	Yes	(2) Based on 1800 Series design; sash is flush with frame
	2542- Fixed with Horizontal Muntin	2 1/2	AW 55	<0.1	15	(*) 0.342 - 0.382	35-41	Yes	Yes	
	1241- Fixed	3 3/4	AW 85	<0.1	12	(*) 0.367 - 0.414	38-48	Yes	Yes	(3) Full depth sash; ideal for acoustic & multiple glazing options
	1242- Fixed with Horizontal Muntin	3 3/4	AW 100	<0.1	12	(*) 0.397 - 0.462	38-48	Yes	Yes	
	1941- Fixed	4 1/2	AW 75	<0.1	15	(*) 0.350 - 0.390	35-41	Yes	Yes	(4) 4-1/2" design based on 1800's; ideal for window wall
	1942- Fixed with Horizontal Muntin	4 1/2	AW 55	<0.1	15	(*) 0.363 - 0.413	35-41	Yes	Yes	
	1801/1805- Project Out Bottom-Awning/ Fixed over POA	2	AW 100/75	<0.1	12	(*) 0.364 - 0.487	36-41	Yes	Yes	(1) 1-3/8" gut capacity, dual glazed w/ blinds & removable panel
	2501/2505- Project Out Bottom-Awning/Fixed over POA	2 1/2	AW 100/75	<0.1	12	(*) 0.372 - 0.504	36-41	Yes	Yes	(2) Popular in universities
	1201/1205- Project Out Bottom-Awning/ Fixed over POA	3 3/4	AW 90/95	<0.1	12	(*) 0.422 - 0.567	38-47	Yes	No	(3) Triple glazing: 1" IGU/int. blind/int. panel (hinged or removable)
	1901/1905- Project Out Bottom-Awning/ Fixed over POA	4 1/2	AW 100/75	<0.1	12	(*) 0.394 - 0.555	36-41	Yes	Yes	(4) Ideal for large openings; 4-1/2" frame has increased I-value strength
	1811/1821-Project In Top-Hopper/Fixed over PIH	2	AW 100/75	<0.1	12	(*) 0.362 - 0.482	36-41	No	No	(1) Ideal for schools also has blast & hurricane/impact ratings
	2511/2521- Project In Top-Hopper/Fixed over PIH	2 1/2	AW 100/75	<0.1	12	(*) 0.367 - 0.484	36-41	No	No	(2) Ideal for specs that require 2-1/4" minimum frame depth
	1211/1221- Project In Top-Hopper/ Fixed over PIH	3 3/4	AW 90/95	<0.1	12	(*) 0.417 - 0.550	38-47	No	No	(3) Excellent acoustic properties with STC is in high 40's
	1911/1921- Project In Top-Hopper/ Fixed over PIH	4 1/2	AW 100/75	<0.1	12	(*) 0.394 - 0.553	36-41	No	No	(4) Alternative to field glazed storefront
	1851- Casement-Outswing	2	AW 100	<0.1	12	(*) 0.430 - 0.486	36-41	Yes	Yes	
	2551- Casement-Outswing	2 1/2	AW 100	<0.1	12	(*) 0.443 - 0.504	36-41	Yes	Yes	
	1251- Casement-Outswing	3 3/4	AW 90	<0.1	12	(*) 0.486 - 0.560	43-46	Yes	No	(3) Ideal for hospitals or facilties with concealed blinds
	1951- Casement-Outswing	4 1/2	AW 100	<0.1	12	(*) 0.480 - 0.553	36-41	Yes	Yes	
	1861- Casement-Inswing	2	AW 100	<0.1	12	(*) 0.424 - 0.479	36-41	No	No	
	2561- Casement-Inswing	2 1/2	AW 100	<0.1	12	(*) 0.428 - 0.484	36-41	No	No	
	1261- Casement-Inswing	3 3/4	AW 90	<0.1	12	(*) 0.479 - 0.550	43-46	No	No	
	1961- Casement-Inswing	4 1/2	AW 100	<0.1	12	(*) 0.480 - 0.553	36-41	No	No	
	4500- Sliding Glass Door	4 1/2	AW 65/80	<0.3	12 & 15	(*) 0.422 - 0.482	34-37	No	Yes	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
	5000- Terrace Door	4 1/2	AW 60/90	<0.1	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

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