



OUT-SWING DOOR

PRODUCT SELECTION GUIDE

Size and Performance Data

Sound Transmission Class / OITC



RESIDENTIAL

	Clad	Wood
SIZES		
Standard door sizes	●	●
Standard sidelight sizes	●	●
Standard transom sizes—fixed frame direct set	●	●
Fixed casement	●	●
Wide stile casement	●	●
Special sizes	●	●
Custom sizes	●	●
Single-Swing Single Door Width		
2' 2", 2' 6", 2' 10", 3' 0", 3' 2"	●	●
Double-Swing Door Width (Active-Passive or Passive-Active)		
4' 2", 5' 0", 5' 7", 6' 0", 6' 3"	●	●
Door Heights		
6' 7-1/2", 6' 10", 7' 2", 8' 0", 10' 0"	●	●

COMMERCIAL

	Clad	Wood
SIZES		
Standard sidelight sizes	●	●
3' 2" Single door widths	●	●
6' Double door widths	●	●
7' 2" and 8' 0" door heights	●	●
CONFIGURATIONS		
Double-swing doors	●	●
Single-swing single door (left- or right-hinged)	●	●
PERFORMANCE 1		
Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
Water Resistance	0	0
Design Pressure	–	–

SOUND TRANSMISSION CLASS / OUTDOOR-INDOOR TRANSMISSION CLASS

Product	Frame Size Tested ₂	Glazing System				STC Rating	OITC Rating	
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness			
ARCHITECT SERIES TRADITIONAL CLAD	WITH INTEGRAL GRILLES							
	71-1/4" x 81-1/2"	13/16"	3mm	3mm	–	32	27	
	WITH REMOVABLE OR NO GRILLES							
	71-1/4" x 81-1/2"	13/16"	3mm	3mm	–	30	25	
	WITH INTEGRAL GRILLES							
	71-1/4" x 81-1/2"	13/16"	3mm	5mm	–	36	30	
	WITH REMOVABLE OR NO GRILLES							
	71-1/4" x 81-1/2"	13/16"	3mm	5mm	–	34	28	
ARCHITECT SERIES TRADITIONAL CLAD HURRICANE-SHIELD® IMPACT RESISTANT GLASS	WITH INTEGRAL GRILLES							
	71-1/4" x 81-1/2"	7/8"	4.7mm	7.6mm PVB	–	36	30	
	WITH REMOVABLE OR NO GRILLES							
	71-1/4" x 81-1/2"	13/16"	4.7mm	7.6mm PVB	–	35	29	
	WITH INTEGRAL GRILLES							
	71-1/4" x 81-1/2"	7/8"	8.6mm SGP	4.7mm	–	34	31	
	WITH REMOVABLE OR NO GRILLES							
	71-1/4" x 81-1/2"	7/8"	8.6mm SGP	4.7mm	–	34	30	

(–) = Not Applicable

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. Doors supplied without latching hardware are not AAMA/WDMA performance certified. See Design Data pages in this section for specific product performance class and grade values.

(2) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.



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		Clad	Wood
PERFORMANCE DATA			
DOORS 8' 0" TALL AND UNDER	Standard Sill		
	Meets or Exceeds AAMA/WDMA Ratings ₁	LC55 Hallmark Certified	LC55 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	10.66 psf	10.66 psf
	Design Pressure	55 psf	55 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
	Performance Upgrade* - Standard Sill		
	Meets or Exceeds AAMA/WDMA Ratings	LC70 Hallmark Certified	LC70 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	10.66 psf	10.66 psf
	Design Pressure	70 psf	70 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
DOORS OVER 8' TALL UP TO 10' 0"	Standard Sill		
	Meets or Exceeds AAMA/WDMA Ratings ₁	LC40 Hallmark Certified	LC40 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	8.36 psf	8.36 psf
	Design Pressure	40 psf	40 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
	Performance Upgrade* - Standard Sill		
	Meets or Exceeds AAMA/WDMA Ratings ₁	LC50 Hallmark Certified	LC50 Hallmark Certified
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	8.36 psf	8.36 psf
	Design Pressure	50 psf	50 psf
	Low Profile Sill		
	Water Resistance	0 psf	0 psf
OTHER PERFORMANCE CRITERIA			
Forced Entry Resistance Level (Minimum Security Grade) ₂		40	40
ADDITIONAL PERFORMANCE DATA			
DOORS 8' 0" TALL AND UNDER	HurricaneShield® Products with Impact-Resistant Glass *		
	Meets or Exceeds AAMA/WDMA Ratings ₁	LC70	LC70
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	10.66 psf	10.66 psf
	Design Pressure	70 psf	70 psf
DOORS OVER 8' TALL UP TO 10' 0"	HurricaneShield® Products with Impact-Resistant Glass *		
	Meets or Exceeds AAMA/WDMA Ratings ₁	LC50	LC50
	Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.15	0.15
	Water Resistance	8.36 psf	8.36 psf
	Design Pressure	50 psf	50 psf

(-) = Not Applicable

* Requires specific installation methods to meet stated performance.

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. Doors supplied without latching hardware are not AAMA/WDMA performance certified. See Design Data pages in this section for specific product performance class and grade values.

(2) The higher the level, the greater the product's ability to resist forced entry. Valid only if Pella supplied locking system is used.



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PRODUCT SELECTION GUIDE
Features and Options



STANDARD	OPTIONS / UPGRADES
GLAZING	
Glazing Type	
Dual-Pane Insulating Glass	Triple-Pane Insulating Glass
Insulated Glass Options/Low-E Types	
Advanced Low-E	SunDefense™ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	Clear (no Low-E coating)
Additional Glass Options	
Tempered Glass	Obscure Glass ¹
	Tinted Glass (Bronze, Gray and Green)
	Hurricaneshield® Products with Impact-Resistant Laminated Dual-Pane Insulating Glass (Residential only)
Gas Fill/High Altitude	
Argon	Krypton ²
	High altitude
WOOD TYPES	
Pine	Mahogany, Douglas Fir
EXTERIOR	
EnduraClad® protective finish	EnduraClad Plus protective finish
	Factory Primed Pine wood exterior
	Unfinished Mahogany wood exterior
Cladding Colors¹	
27 Standard colors	Custom Colors
INTERIOR	
Unfinished Wood	Factory primed ⁴ , Factory prefinished paint ⁴ , Factory prefinished stain
HARDWARE⁵	
White, Champagne, Brown, Matte Black	Bright Brass, Satin Nickel, Oil-Rubbed Bronze, Antique Brass, Distressed Bronze, Distressed Nickel
Locking System	
Multi-Point	–
Key lock	–
GRILLES	
Integral Light Technology® Grilles	
–	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Roomside Removable Grilles	
–	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Grilles-Between-the-Glass	
–	Traditional, Prairie, Top Row, Cross

(1) Contact your local Pella sales representative for current designs and color options.

(2) ADA sill finishes available in mill or bronze anodized only.

(3) Only available with Triple-Pane Glazing, not available with high altitude Glazing.

(4) Not available on Mahogany and Douglas Fir interiors.

(5) Operating hardware for commercial products is not included.