Product Sheets – SlenderWall



SECONDNATURE" + CLASS "A" ARCHITECTURAL FINISHES colors and textures. Thin Brick, stone veneers, standard and custom formed patterns are also are available



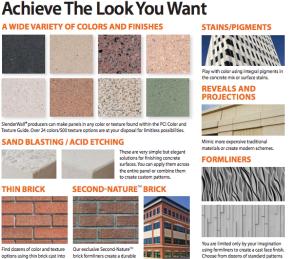
How It's Made

Proven materials and time-tested manufacturing method create a durable and efficient composite panel

- 1. BUILDING THE FRAMES
- 2. CREATING THE MOLDS
- 3. MIXING AND PLACING CONCRETE
- 4. INTEGRATING THE FRAME
- 5. INSULATING 6. FINISHING



SAND BLASTING / ACID ETCHING THIN BRICK SECOND-NATURE™ BRICK



In A Variety Of Shapes And Sizes



Find dozens of color and texture Our exclusive Second-Nature™ options using thin brick cast into brick formliners create a durable

A WIDE VARIETY OF COLORS AND FINISHES

- L-SHAPES
- M-SHAPES
- PUNCH WINDOWS
- RADIUS SPANDRELS

Why Use Precast?

Precast concrete has become the architectural cladding material of choice wherever superior aesthetics and construction economy are decisive considerations. Architectural precast combines the benefits of durability, low maintenance, excellent fire resistance and energy efficiency. Manufacturing in certified plants also reduces weather related delays and increases quality control standards.

VERSATILITY

The true beauty of precast is found in the architectural effects that can be achieved. Custom-made forms are used to create panels in the precise sizes and shapes These forms introduce reveals, joints, patterns, and other detailing to the panel surface. Specific color effects can be achieved by varying sands, aggregates, and pigments. Textures can be customized through the use of differing levels of sandblast and acid etch treatments. Stone, tile or brick veneers can be cast into the panels, giving architects compelling visual effects.

ECONOMICAL & FAST

SlenderWall panels are economical to produce, erect, and maintain. Substantial cost savings can be achieved by taking full advantage of reduced foundation and structural requirements, shortened erection schedules

TIME TESTED DURABILITY

Concrete has proven through centuries to be the reliable choice for building construction. Low maintenance and resistant to the effects of time, Mother Nature and Human Nature are the hallmarks

A TRUE VALUE

SlenderWall combines the benefits of high durability. low maintenance, excellent fire resistance and energy efficiency. This creates an ideal solution for high-rise towers, where emphasis in on prestige, luxury, safety and aesthetic appeal, or lower-rise structures, when economy and durability are paramount.



Tested & Certified

Earthquake, hurricane and tornado level testina establishes SlenderWall as the system of choice for severe conditions.

All tests were performed by certified independent testing laboratories using nationally recognized standards and methods. Detailed reports are

✓ Fire Resistance Rating.....ASTM E119

✓ Florida Hurricane Code: NOA #09101.05 ✓ Blast Resistant Design ✓ Fire Rated: NFPA 285

More Information

• CALL US TODAY with questions or to

Contact us to schedule a Lunch & Learn

• Visit www.SlenderWall.com for more

Register online for access to AutoCAD

typical detail files and specifications.

P.O. Box 400, Midland, VA 22728

technical information, project case

studies, news, and test reports.

initiate a quote - (540) 439-3266.

✓ Wind Load Test: 226MPH, 130PSF

Additional Ratings:

SET.

avallable upon request.	
✓ Air InfiltrationASTM E283	
✓ Static Pressure Water ResistanceASTM E331	
→ Dynamic Pressure Water ResistanceAAMA 501.1	
✓ Structural PerformanceASTM E330	
✓ Seismic Movement (Interstory)AAMA 501.4	
▼ Thermal CycleAAMA 501.5	
→ Thermal TransmittanceAAMA 1503	
▼ Thermal PerformanceASTM C1363	And the second s
✓ Sound TransmissionASTM E90	
✓ In-situ Water TestAAMA 503.03	

SenderWall is a hi-performance, thermal and fire code compliant, architectural panel system that combines proven technologies into a single efficient solution for

new construction, re-cladding or over-cladding.

Healthcare . Hospitality . Institutional

Offices • Mixed-Use • Multi-Family • Schools





SlenderWall Performs Who Benefits?

Developer — Save money & time upfront

> "SlenderWall was the right solution for us." Lou Haddah, CEO & President, Armada Hoffler

Architect

Superior Aesthetics & Versatility

"For this project, SlenderWall was cheaper, better and faster to install than alternative construction methods. After all of the options were evaluated, the obvious choice was SlenderWall Mr. Doug Carter, AIA, Davis, Carter, Scott

Engineer

— Fully Tested Performance

"Our overall objectives of design flexibility sound construction, and speed of building erection – all at economical costs – were made possible with the SlenderWall panel system." Tom LePage, Project Engineer, Barr & Barr

Contractor

— Tighter Erection Schedules

"SlenderWall was chosen for 2 main reasons. it is a continuation of a product that we knew worked well and because of the effectiveness of erection. We had potential tenants and needed to turn around the space quickly."

Stan Link, Senior VP Construction Corporate Office Properties Trust (COPT)

Owner

— A Product That Lasts

"We went to Virginia to study the panel system for a project in another state, and we were impressed by its capabilities. So we decided to use the system again for the Alexander

A Choice Where Everyone Is Rewarded



Who Benefits

- "Minimalistic or as ornate "Designed & tested to "Creative, functional & aesthetically pleasing" "Reduced manufacturing
- "Value driven complete "Delivered aesthetics within



Low-Rise To High-Rise Performance

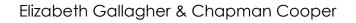






- HEALTHCARE HOSPITALITY
- INSTITUTIONAL
- MIXED-USE MULTI-FAMILY OFFICES
- SCHOOLS





Product Sheet – Double-Hung Window

Pella 250 Series VINYL



Innovative and enhanced security and privacy features for your customers peace of mind.



ENHANCED SECURITY AND PRIVACY

Give your customers more peace of mind with innovative security and privacy features. Double- and single-hung windows are designed with an interlocking checkrail, steel hardware reinforcement and a unique anti-jar sill. Sliding patio doors feature an integrated footbolt, tamper prevention system and blinds-between-the-glass.

STRONGER FRAMES THAN ORDINARY VINYL

Pella's precision welding process creates more durable products that resist warping or twisting over time. Pella 250 Series window frames are 52% stronger than ordinary vinyl.1

PELLA'S FADE-RESISTANT VINYL FORMULA

Pella 250 Series is made of high-grade vinyl that resists yellowing and never needs painting. The solid color throughout the vinyl keeps minor dings and scratches virtually invisible. Solid-color frames are available in White, Almond and Fossil.

EXCLUSIVE WEATHER PROTECTION SYSTEM

Protect your home with our exclusive weather repel system on singleand double-hung windows. It has three points of protection to channel water away from the home - including triple weatherstripping.

ENERGY STAR® MOST EFFICIENT 2022 WINDOW²

Upgraded triple-pane glass windows are on average 62% more energy efficient than single-pane windows.3 Pella 250 Series offers products that have been awarded the ENERGY STAR Most Efficient Mark in 2022.2

DURABLE EXTERIOR FINISHES

Dual-color frame options offer white interiors with a choice of beautiful DuraColor™ exterior finishes that exceed industry requirements for

FREE-FORM MULLING CAPABILITIES

Create a large or unique combination for your project by mulling standard and custom-sized windows together. Combinations are factory-mulled and arrive ready for installation.5

OPTIONAL PERFORMANCE ENHANCEMENTS

Increase energy performance and structural strength with optional performance enhancements such as foam insulation and steel reinforcement.

ADDITIONAL FEATURES AND OPTIONS

We have the features and options that fit most any project, Choose from multiple frame types, dual- and triple-pane glazing, several grille options and a full lineup of window & patio door styles.

LIMITED LIFETIME WARRANTY

Pella products are backed by some of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

TESTING BEYOND REQUIREMENTS

At Pella, our products are tested beyond requirements to help ensure they have long-lasting performance and reduce call-backs for you.

PRODUCT SPECIFICATIONS

						PERFORMANCE VALUES -		JES -	1
WINDOW & PATIO DOOR STYLES	MIN. WIDTH	MIN. HEIGHT	MAX. WIDTH	MAX. HEIGHT	PERFORMANCE CLASS & GRADE	U-FACTOR	SHGC	STC	FRAME / INSTALL
AWNING DUAL-PANE VENT	16"	14-1/2"	59-1⁄2"	43-1/2"	LC35-LC50	0.26-0.30	0.17-0.43	30	
AWNING TRIPLE-PANE VENT	16"	14-1/2"	59-1/2"	43-1⁄2"	LC35-LC50	0.20-0.25	0.19-0.37	34	
CASEMENT DUAL-PANE VENT	14-1/2"	17-1/2"	35-1/2"	71-1/2"	LC35-LC50	0.26-0.30	0.17-0.43	30-33	
CASEMENT TRIPLE-PANE VENT	14-1/2"	17-1/2"	35-1/2"	71-1/2"	LC35-LC50	0.20-0.25	0.19-0.37	34	
SLIDING WINDOW DUAL-PANE VENT	21-1/2"	11-1/2"	96"	72" West Region 62" East Region	R25-R50	0.27-0.32	0.20-0.51	25	
SLIDING WINDOW TRIPLE-PANE VENT	21-1/2"	11-1/2"	96"	72" West Region 62" East Region	R25-R50	0.20-0.26	0.22-0.44	28	
DOUBLE-HUNG DUAL-PANE VENT	14-1/2"	23-1/2"	53-1/2"	78" West Region 86"6 East Region	R25-R50 West Region Only	0.27-0.33	0.19-0.49	26	Block Frame Integral Fin Fin with J-Channel
DOUBLE-HUNG TRIPLE-PANE VENT	14-1/2"	23-1/2"	53-1/2"	78"	R25-R50	0.21-0.27	0.21-0.42	28	Flush Flange® 5/8" Flange Frame
SINGLE-HUNG DUAL-PANE VENT	14-1/2"	23-½"	53-1/2"	77.5"? West Region 96" East Region	R35-R50 West Region Only	0.27-0.33	0.20-0.51	25	
SINGLE-HUNG TRIPLE-PANE VENT	14-1/2"	23-1/2"	53-1/2"	77-1/2"	R35-R50	0.21-0.26	0.22-0.44	28	
FIXED FRAME RECTANGLE DUAL-PANE	11-1/2"	11-1/2"	108" 40 sq. ft. max.	108" 40 sq. ft. max.	CW30-CW50	0.26-0.31	0.21-0.58	26	
FIXED FRAME RECTANGLE TRIPLE-PANE	11-1/2"	11-1/2"	108" 40 sq. ft. max.	108" 40 sq. ft. max.	CW30-CW50	0.19-0.24	0.24-0.47	27	
SLIDING PATIO DOOR DUAL-PANE, OX or XO ⁹	46-1/2"	70-1/2"	95-1/2"	95-1/2"	LC35 - LC50	0.27-0.40	0.19-0.49	26	
SLIDING PATIO DOOR TRIPLE-PANE, OX or XO ⁹	46-1/2"	70-1/2"	95-1/2"	95-1/2"	LC35 - LC50	0.22-0.30	0.21-0.42	27	

WINDOW SIZES AVAILABLE IN 1/8" INCREMENTS

GLASS & ADDITIONAL ENERGY EFFICIENCY UPGRADES

INSULSHIELD* LOW-E GLASS







GLASS OPTIONS





Optional foam-insulated frame and sash are available to increase energy efficiency



AVAILABLE IN THESE WINDOW & PATIO DOOR STYLES: FOAM INSULATION



COLORS

FRAME COLORS

Create a signature look with solid-color and dual-color frames. Dual-color frames allow you to choose a different color for the

DUAL-COLOR FRAMES:

GRILLES

GRILLES

Grilles are color-matched to your window or patio door interior and exterior frame color.





CASEMENT

WINDOW HARDWARE

Folds neatly out of the way so it won't interfere with roomside window treatments. Finishes match interior frame colors.





SLIDING, SINGLE-

 $Pella's\ cam-action\ locks\ pull\ the\ sashes\ against\ the\ weather stripping\ for\ a\ tighter\ seal.\ Optional\ AutoLock\ hardware$ automatically locks the window when it is shut, simply close the sash and confirm it latches.







WINDOW LIMITED OPENING DEVICES

A vent stop can be engaged or disengaged manually and restricts how far the bottom sash of a single- or double-hung window can open. A window opening control device (WOCD) complies with a safety standard and allows for ventilation emergency escape and rescue when released. A WOCD automatically limits the sash opening to less than four inches, unless it is intentionally disengaged, enabling the sash to fully open. Stainless steel limited opening devices are available on casement and awning windows, and WOCDs are available on casement windows.



VENT





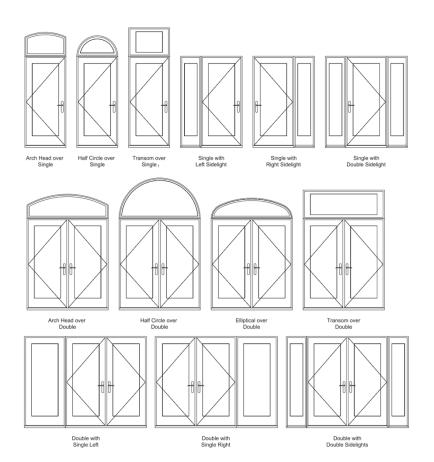


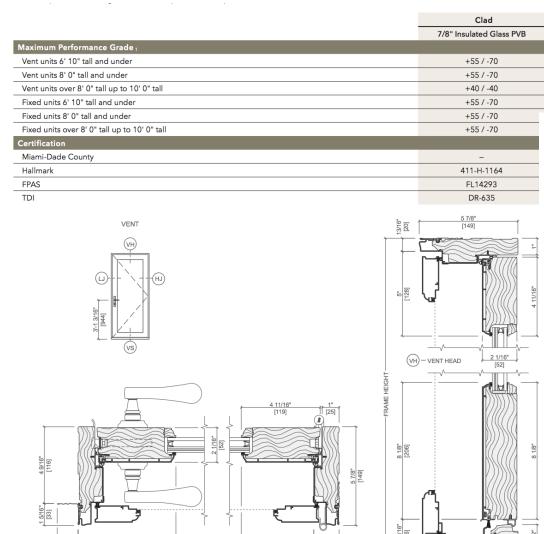
WINDOW OPENING

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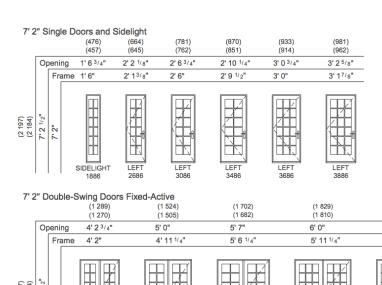
Product Sheet – Door





(-) = Not applicable.
(1) Units are tested for air/water/structural and impact-resistance, and certified for wind zone 4, large missile rating D.
For clear opening, vent area, visible glass, and frame area, see clad Design Data pages.
To convert areas to square meters (m2), multiply square feet by 0.0929.
Doors with low profile sills, curved glass in rectangular panel, custom stiles and rails, and no-lock no-bore hardware options are not certified to above standards.

	Clad
	7/8" Insulated Glass
Maximum Performance Grade 1	
Vent units 6' 10" tall and under	+55 / -70
Vent units 8' 0" tall and under	+55 / -70
Vent units over 8' 0" tall up to 10' 0" tall	+40 / -40
Fixed units 6' 10" tall and under	+55 / -70
Fixed units 8' 0" tall and under	+55 / -70
Fixed units over 8' 0" tall up to 10' 0" tall	+55 / -70
Certification	
Miami-Dade County	_
Hallmark	411-H-1164
FPAS	FL14293
TDI	DR-635



				5086	FIXED-ACTIVE 6086	FIXED-ACTIVE 6786	FIXED-ACTIVE 7286	FIXED-ACTIVE 7586
7' :	2" [Dou	ıble	Doors Active	-Passive			
				(1 289) (1 270)	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
	O	peni	ng	4' 2 3/4"	5' 0"	5' 7"	6' 0"	6' 3 ³ / ₄ "
		Fra	ame	4' 2"	4' 11 1/4"	5' 6 ^{1/} 4"	5' 11 ^{1/} 4"	6' 3"
(2 184)	7'2 1/2"	7' 2"		() de la companya de	ACTIVE-PASSIVE	ACTIVE-PASSIVE	ACTIVE-PASSIVE	ACTIVE-PASSIVE

(1 924) (1 905)

6' 3 3/4"

6' 3"

Interior Wall Color:

-Alabaster

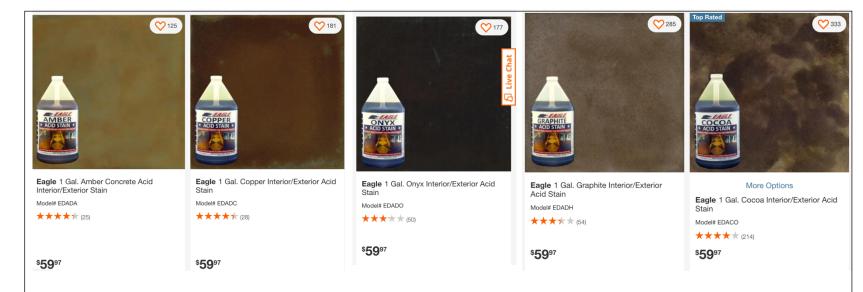


SW 7008 Alabaster

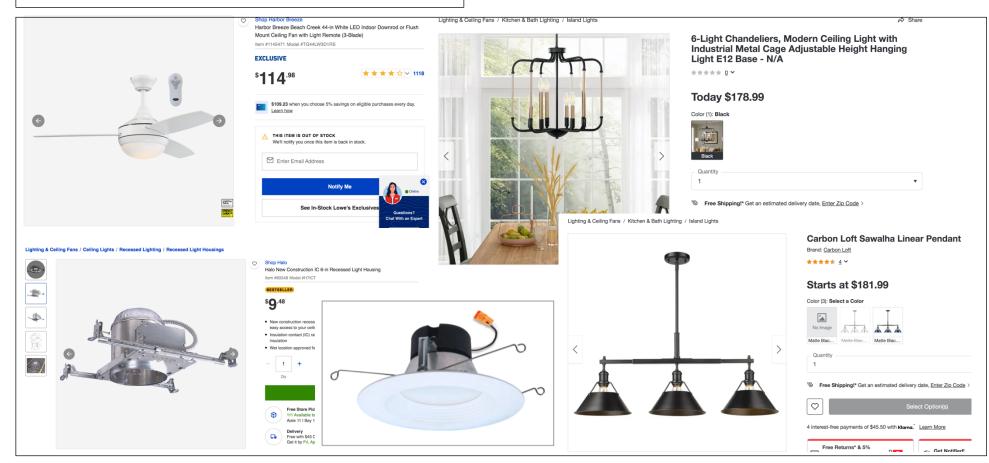
Interior / Exterior Locator Number: 255-C2

Interior Finishes

Interior Concrete Stains:



Interior Lighting:



Countertops:



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Appliance Product Sheet



Whirlpool 3.5-cu ft Top-Load Washer with Deep Water Wash - White (While Supplies Last)

Item #782472 Model #WTW4816FW

Shop the Collection

BESTSELLER

\$**569**.00

 $\bigstar \bigstar \bigstar \bigstar \checkmark$ 11777

\$699.00- Save \$130.00 Ends Apr 20

Shop Whirlpool

Whirlpool 7.0-cu ft Vented Electric Dryer - White (While Supplies Last) Item #670009 Model #WED4815EW

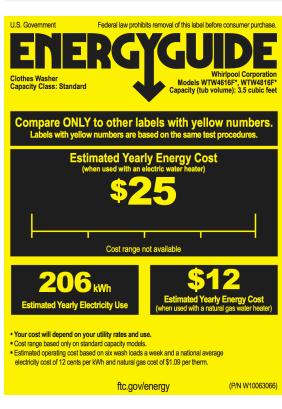
Shop the Collection

BESTSELLER

\$569.00

\$699.00- Save \$130.00 Ends Apr 20









17.6-cu ft Top-Freezer Refrigerator with Optional (sold separately) Compatible EZ Connect Ice Maker...

You Saved \$100.00 V

\$899.00

Was \$999.00

Item #773091 Model #WRT518SZFM Save For Later | Remove



GE 1.6-cu ft 1000-Watt Over-the-Range Microwave (Stainless Steel)

Item #520293 Model #JVM3160RFSS

Shop the Collection

\$259.00

★ ★ ★ ★ ☆ ∨ 27115

\$349.00 Save \$90.00 Ends Apr 20



Whirlpool 30-in 4 Burners 5.1-cu ft Freestanding Gas Range (Stainless Steel)

Item #634744 Model #WFG320M0BS

Shop the Collection

\$649.00



\$919.00 Save \$270.00 Ends Apr 20

PLUS, 1 Rebate Available >

★ ★ ★ ★ ★ ∨ 15921

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Butcher Block Sample:



Samples

Concrete Stain Samples:



Panel Color Sample:



Acid Concrete Stain Samples:



Acid Concrete Stain Samples:







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