

# Pella® Lifestyle Series

Clad/Wood



#1 performing wood window and patio door for the combination of energy, sound and value.<sup>1</sup>

Triple-pane casement



Dual-pane double-hung window with Hidden Screen



- **Easy-to-learn Pella Steady Set® interior installation system**

Pella Steady Set Interior Installation System is a revolutionary, award-winning and safer way to install new construction windows.<sup>1</sup> The simple system is the fastest, most labor efficient wood window installation system with uncompromising quality.<sup>2</sup> Available on select windows.

- **Performance redefined**

You don't have to compromise on any aspect of performance. Available performance solutions offer an unbeatable combination of energy efficiency, sound control and value.<sup>3</sup>

- **ENERGY STAR® certified<sup>4</sup>**

Pella products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states. Pella Lifestyle Series products with triple-pane glass have been awarded ENERGY STAR Most Efficient Mark in 2023.

- **Enhanced sound control**

Our patented, triple-pane design with Advanced Low-E glass allows for mixed glass thickness for enhanced sound dampening resulting in an average 52% noise reduction versus single-pane windows.<sup>5</sup>

- **Intentional design for improved durability**

Intentional jamb on sill design helps seal the end grain of the wood and elevates it off the rough opening, reducing the potential for moisture.

- **Durable 3-way corner joints**

Three-way corner joints are made up of mortise-and-tenon, metal fasteners and commercial adhesive for added strength and durability.

- **Quality exterior finishes**

EnduraClad® finish is a tough, protective aluminum finish for windows. The overlapping, watershed cladding resists chalking and fading. Our extruded aluminum-cladding delivers exceptional durability for sliding patio door exteriors.

- **Exclusive wood protection**

Pella's exclusive EnduraGuard® wood protection is applied after the pieces have been cut and milled, but prior to final assembly. It provides advanced protection against the effects of moisture, decay, stains from mold and mildew — as well as termite damage.

- **Time-tested innovations**

Create unique room-by-room solutions and achieve project goals with performance options and purposeful innovations like the Hidden Screen and integrated blinds and shades.

- **Best limited lifetime warranty<sup>6</sup>**

Pella Lifestyle Series products are covered by the best limited lifetime warranty in the industry for wood windows and patio doors.<sup>6</sup>

- **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.

- **Convenient & durable screens**

The revolutionary Hidden Screen appears when you open a double-hung window and folds away when it is closed. It provides a clear view when the window is closed and improves curb appeal year-round. The heavy-duty TuffScreen® by Phifer keeps bugs out and allows more fresh air in as one of the most durable screen options on the market. Available on sliding patio doors.

Available in these window and patio door styles:<sup>7</sup>



Special shape windows also available.

<sup>1,2,3,4,5,6,7</sup> See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values			Frame/Install
						U-Factor	SHGC	STC	
Awning Dual-pane vent	21"	17"	59"	59"	LC30 – LC50	0.25-0.34	0.19-0.51	25-28	Pella Steady Set™, Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Awning Triple-pane vent	21"	17"	59"	59"	R20 - CW50	0.20-0.28	0.15-0.41	31-37	
Casement Dual-pane vent	17"	17"	35"	73"	LC30-LC50	0.25-0.34	0.19-0.58	25-31	
Casement Triple-pane vent	17"	17"	35"	73"	R20-CW50	0.20-0.25	0.17-0.46	31-37	
Fixed Casement Dual-pane	17"	17"	73"	73"	LC30-LC50	0.23-0.35	0.20-0.57	29-32	
Fixed Casement Triple-pane	17"	17"	73"	73"	R20-CW50	0.19-0.27	0.15-0.49	33-37	
Double-Hung Dual-pane vent	21"	35"	48"	84"	LC30-LC50	0.25-0.34	0.20-0.48	27-31	Fold-out Fin, Block Frame, EnduraClad Exterior Trim / Brickmould
Hinged Patio Door Dual-pane single door	30"	80"	38"	96"	LC50	0.26-0.32	0.18-0.48	31	
Hinged Patio Door Triple-pane single door	30"	80"	38"	96"	LC55	0.23-0.28	0.12-0.34	34-36	
Hinged Patio Door Dual-pane double door	60"	80"	75"	96"	LC50	0.25-0.29	0.18-0.48	30-32	
Hinged Patio Door Triple-pane double door	50"	80"	75"	96"	LC55	0.22-0.26	0.14-0.38	34-36	
Sliding Patio Door Dual-pane double-door vent (OX or XO)	60"	80"	120"	120"	R20-LC50	0.26-0.31	0.20-0.51	28-31	
Sliding Patio Door Triple-pane double-door vent (OX or XO)	60"	80"	96"	96"	LC35-LC50	0.23-0.26	0.19-0.47	32-34	
Sliding Patio Door Dual-pane triple-door vent (OXO)	90"	80"	180"	120"	R20-LC35	0.26-0.31	0.20-0.51	–	
Sliding Patio Door Triple-pane triple-door vent (OXO)	90"	80"	144"	96"	LC35	0.23-0.26	0.19-0.47	–	
Sliding Patio Door Dual-pane quadruple-door vent (OXXO)	117"	80"	237"	120"	R20-LC35	0.26-0.31	0.20-0.51	–	
Sliding Patio Door Triple-pane quadruple-door vent (OXXO)	117"	80"	189"	96"	LC35	0.23-0.26	0.19-0.47	–	

Window sizes available in 1/4" increments  
Special sizes available in dual- and triple-pane sliding patio doors. For more information regarding performance, visit [pella.com/performance](#). For more information regarding frame and installation types, visit [installpella.com](#).

Window Hardware

Essential Collection

Select from popular designs and finishes to suit every style.



Fold-Away Crank



Cam-Action Lock

Finishes:



Champagne

White

Brown

Matte Black



Satin Nickel



Satin Brass

Patio Door Hardware

Essential Collection

Elevate your style and transform a home with elegant selections.



Hinged Patio Door Handle



Sliding Patio Door Handle

Finishes:



Champagne

White

Brown

Matte Black



Satin Nickel



Satin Brass

Colors

Prefinished Pine Interior Colors

We can prefinish pine in your choice of several paint and stain colors. Unfinished or primed and ready-to-paint are also available.



White



Bright White



Linen White



Natural Stain



Golden Oak Stain



Early American Stain



Provincial Stain



Black Stain

Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect windows and patio doors for years. Seacoast EnduraClad protective finish for coastal projects with high salt exposure is also available.



Black



White



Brown



Fossil



Iron Ore



Portobello



Putty



Almond



Classic White



Brick Red



Hartford Green



Wolf Gray

Integrated Blinds & Shades

Integrated Blinds®

Raise blinds up for an unobstructed view or tilt to let in just the right amount of light.



White



Poplar White



Bisque



Storm



Golden



Mocha



Black

Integrated Shades®

Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Integrated and accessible shades are available manual or motorized with Pella Insynctive technology.

Light-Filtering:



White



Silver



Maize

Room-Darkening:



Cotton



Bamboo



Ash

Haven't landed on the final blind or shade color selection? No problem. With our patented triple-pane design, you and your customer can make those decisions later in the schedule. Our triple-pane products come with all of the hardware to add a blind or shade straight from the factory or at a later time in the building or remodeling process.

Screens®

Hidden Screen

The Hidden Screen appears when you open a double-hung window and folds away when the window is closed. It allows 44% more natural light into your home when a window is closed than a standard screen.<sup>10</sup> Hidden Screen cartridge available in Black, White, Brown, Fossil and Iron Ore colors to match or complement the exterior cladding color choice.

Rollscreen®

Rollscreen soft-closing retractable screens roll out of sight when not in use. Available on casement and awning windows.

TuffScreen® by Phifer®

The heavy-duty vinyl-coated screen is tear, puncture and damage resistant, standing up to pets, children and harsh weather. The TuffScreen® by Phifer is 2.5x stronger than a standard screen.<sup>12</sup> Available on sliding patio doors.

\*All trademarks are property of their respective owners.

InView™

InView flat screens let in 14% more light and are 8% more open for improved airflow when compared to the conventional fiberglass screen.<sup>11</sup>

Performance Packages

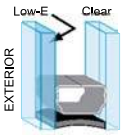
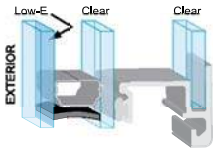
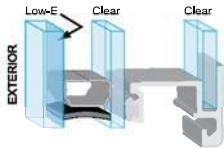
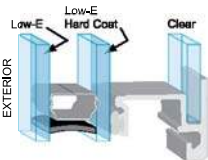
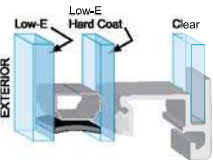
To make things easier, we've created performance packages.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.<sup>1</sup> Create room-by-room solutions with the upgraded triple-pane glass design.

All values below are averages compared with single-pane windows.



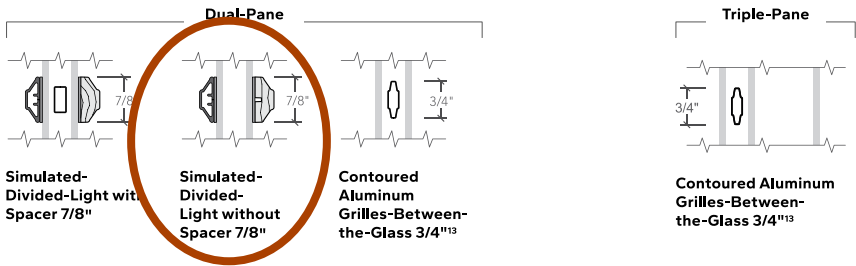
Pella® Lifestyle Series offers products awarded ENERGY STAR® Most Efficient for 2023.<sup>4</sup>

Base	Performance	Sound Control	Energy Efficiency	Ultimate Performance
	71% More Energy Efficient <sup>10</sup> + 34% Noise Reduction <sup>5</sup>	52% Noise Reduction <sup>5</sup>	83% More Energy Efficient <sup>10</sup>	79% More Energy Efficient <sup>10</sup> + 52% Noise Reduction <sup>5</sup>
 <b>Advanced Low-E</b>  Two panes of insulating, energy-efficient glass and our most popular features and options.	 <b>Advanced Low-E SunDefense Low-E or NaturalSun Low-E</b>  A triple-pane glass design for a combination of both improved energy efficiency and sound performance.	 <b>Advanced Low-E, SunDefense Low-E or NaturalSun Low-E Sound-reduction glazing</b>  Triple-pane glass design featuring mixed glass thicknesses for enhanced sound dampening.	 <b>AdvancedComfort</b>  A triple-pane glass design with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.	 <b>AdvancedComfort Sound-reduction glazing</b>  A triple-pane glass design featuring mixed glass thicknesses with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.

Patented triple-pane glass design gives flexibility to add integrated blinds or shades without impacting performance.

Grilles

Choose the look of true divided light or make cleaning easier by selecting grilles-between-the-glass.



**The Best Limited Lifetime Warranty in the Industry**

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.<sup>6</sup>

<sup>1</sup> Compared to leading national wood window brands recommended installation methods for new construction windows.

<sup>2</sup> Comparing average install time and plumb/level/square measurements of leading national wood window brands when installed following the manufacturer's standard installation methods for new construction windows.

<sup>3</sup> Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

<sup>4</sup> Some Pella products may not meet ENERGY STAR certification in Canada. For more information, contact your local Pella sales representative or go to [nrcan.gc.ca/energy/products/categories/fenestration/13739](http://nrcan.gc.ca/energy/products/categories/fenestration/13739).

<sup>5</sup> Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

<sup>6</sup> Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at [pella.com/warranty](http://pella.com/warranty).

<sup>7</sup> Double-hung windows available in dual-pane only.

<sup>8</sup> Available with triple-pane products only.

<sup>9</sup> Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

<sup>10</sup> Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see [pella.com/methodology](http://pella.com/methodology).

<sup>11</sup> Improved airflow is based on calculated screen cloth openness. Screen cloth transmittance was measured using an integrated sphere spectrophotometer.

<sup>12</sup> Based on the composite results of a 5-panel strength analysis comparing TuffScreen and standard screening.

<sup>13</sup> Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.



Product Selection Guide

    Size and Performance Data .....LS-DH-2

    Features and Options .....LS-DH-3

Combination Assemblies ..... LS-DH-4

Glazing Performance

    Vent Units..... LS-DH-6

    Fixed Units ..... LS-DH-8

Grille Types .....LS-DH-11

Size Tables

    Double-Hung with GBG's and SDL's..... LS-DH-12

    Fixed and Transoms with GBG's and SDL's..... LS-DH-13

    Replacement Sizes with Grilles-Between-the-Glass .....LS-DH-14

Special Sizes and Dimensions..... LS-DH-17

Design Data

    Vent Units.....LS-DH-18

    Fixed and Transoms .....LS-DH-19

    Replacement Double-Hung Venting .....LS-DH-20

    Replacement Fixed and Transoms ..... LS-DH-22

Detailed Product Description ..... LS-DH-23

Unit Sections .....LS-DH-24

**Document Navigation Tips:**

Items listed in the table of contents above are active links that will take you to the corresponding page.

**Supporting documents for this product:**

Test Reports:

[https://media.pella.com/professional/adm/CertificationReports/Test\\_Reports\\_LS-Dual.pdf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Dual.pdf?utm_source=pdfdoc)

CSI Specs (readable using Microsoft Word or other text editing application):

[https://media.pella.com/professional/adm/Wood-CSI\\_Specs/08552.rtf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Wood-CSI_Specs/08552.rtf?utm_source=pdfdoc)

Detailed Product Description (readable using Microsoft Word or other text editing application):

[https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-DH\\_DPD.rtf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-DH_DPD.rtf?utm_source=pdfdoc)

Size Tables (requires appropriate CAD software to read and use):

[https://media.pella.com/professional/adm/Clad-Wood-LS/LSCDHE\\_D.dwg?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood-LS/LSCDHE_D.dwg?utm_source=pdfdoc)

CAD cross sections (requires appropriate CAD software to read and use):

[https://media.pella.com/professional/adm/Clad-Wood-LS/LS-DH\\_XSEC\\_D.dwg?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood-LS/LS-DH_XSEC_D.dwg?utm_source=pdfdoc)

3D & BIM (requires appropriate software to read and use):

[https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Window-Double-Hung-Pella-Lifestyle\\_Series.zip?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Window-Double-Hung-Pella-Lifestyle_Series.zip?utm_source=pdfdoc)

Sketchup (requires appropriate software to read and use):

[https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP\\_LifestyleSeries\\_Double-Hung.zip?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP_LifestyleSeries_Double-Hung.zip?utm_source=pdfdoc)

Combination Recommendations:

[https://media.pella.com/professional/adm/Clad-Wood/D\\_Combinations.pdf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf?utm_source=pdfdoc)

Installation Details:

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Bay/Bow Details:

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## Lifestyle Series Double-Hung

### Size and Performance Data

	Dual-Pane
<b>Sizes</b>	
Standard double-hung vent/fixed sizes	●
Transom sizes	●
Egress sizes	●
Special sizes available	●
<b>Performance<sup>1</sup></b>	
Meets or Exceeds AAMA / WDMA Ratings	H-LC25-LC50 Hallmark Certified
Air Infiltration (cfm/ft <sup>2</sup> of frame @ 1.57 psf wind pressure) <sup>2</sup>	0.11
Water Resistance	7.5 psf
Design Pressure	25–50 psf
<b>Other Performance Criteria</b>	
Forced Entry Resistance Level (Minimum Security Grade) <sup>3</sup>	10
Operating Force (lb) Initiate Motion / Maintain Motion (of Hallmark tested size and glazing) <sup>4</sup>	40/40

### Sound Transmission Class / Outdoor-Indoor Transmission Class

Product	Frame Size Tested <sup>5</sup>	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (HGP)		
Pella Lifestyle Series	37" x 59"	1 1/16"	2.5mm	2.5mm	—	27	23
Double-Hung	37" x 59"	1 1/16"	5mm	3mm	—	31	27

(—) = Not Available

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values.

(2) Published performance data for air infiltration is determined by testing a minimum of four (4) products of NFRC model size. Testing is conducted in accordance with ASTM E283. Air infiltration ratings for products will differ by size. The performance data does not apply to combination assemblies unless noted. Actual product performance may vary for a number of reasons including installation and product care.

(3) The higher the level, the greater the product's ability to resist forced entry.

(4) Glazing configurations may result in higher operational forces.

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



## Lifestyle Series Double-Hung

### Features and Options

Standard	Options / Upgrades
<b>Glazing</b>	
<b>Glazing Type</b>	
Dual-Pane Insulating Glass	—
<b>Insulated Glass Options/Low-E Types</b>	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
<b>Additional Glass Options</b>	
Annealed Glass	STC Glazing Options
	Tempered Glass
	Obscure Glass <sup>1</sup>
<b>Gas Fill/High Altitude</b>	
Argon	High altitude (Air-filled only)
<b>Exterior</b>	
EnduraClad® protective finish	—
<b>Cladding Colors</b>	
12 Standard colors <sup>1</sup>	—
<b>Interior<sup>1</sup></b>	
Unfinished wood	Factory primed
	Factory prefinished paint <sup>1</sup>
	Factory prefinished stain <sup>1</sup>
<b>Wood Types</b>	
Pine	—
<b>Hardware</b>	
<b>Finishes</b>	
Champagne, Matte Black, White or Brown	Oil Rubbed Bronze, Satin Nickel
<b>Sash Locks/Sash Lifts</b>	
Cam-action lock	Sash lifts <sup>2</sup>
<b>Tilt-Wash Cleaning</b>	
Tilt to interior on both sashes	—
<b>Grilles</b>	
<b>Grilles-Between-the-Glass</b>	
	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
<b>Simulated Divided Light with Optional Spacer<sup>3</sup></b>	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
<b>Screens</b>	
—	Full-Size InView™ screens, Hidden Screen <sup>4</sup>

(—) = Not Available

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

(2) Sold separately for Pella® Lifestyle Series double-hung windows.

(3) Available with Low-E argon-insulated glass only.

(4) Hidden Screen prevents operation of the upper sash.



## Product Selection Guide

Size and Performance Data .....	LS-IS-2
Features and Options .....	LS-IS-3
Combination Assemblies .....	LS-IS-4
Glazing Performance	
Dual-Pane .....	LS-IS-5
Triple-Pane .....	LS-IS-6
Grille Types .....	LS-IS-8
Size Tables	
Dual-Pane .....	LS-IS-9
Triple-Pane .....	LS-IS-11
Special Sizes and Dimensions .....	LS-IS-15
Design Data .....	LS-IS-16
Dual-Pane .....	LS-IS-16
Triple-Pane .....	LS-IS-17
Transoms and Sidelights .....	LS-IS-18
Detailed Product Descriptions .....	LS-IS-19
Unit Sections	
Dual-Pane .....	LS-IS-20
Triple-Pane .....	LS-IS-24

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#### CSI Specs (readable using Microsoft Word or other text editing application):

[https://media.pella.com/professional/adm/Wood-CSI\\_Specs/08213.rtf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Wood-CSI_Specs/08213.rtf?utm_source=pdfdoc)

#### Detailed Product Description (readable using Microsoft Word or other text editing application):

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#### Sketchup (requires appropriate software to read and use):

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#### Combination Recommendations:

[https://media.pella.com/professional/adm/Clad-Wood/D\\_Combinations.pdf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf?utm_source=pdfdoc)

#### Installation Details:

[https://media.pella.com/professional/adm/Clad-Wood/F\\_InstallationDetails.pdf?utm\\_source=pdfdoc](https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf?utm_source=pdfdoc)

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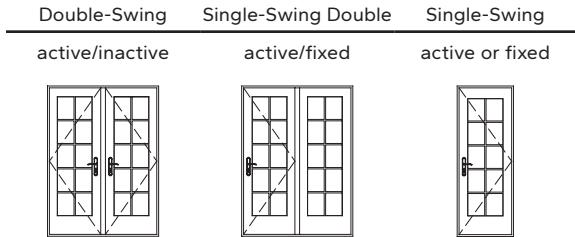


# Lifestyle Series In-Swing Patio Door

## Performance Data

### Size and Performance Data

	Dual-Pane Glazing	Triple-Pane Glazing
Sizes		
Standard door sizes	●	●
Standard sidelight sizes	—	●
Standard transom sizes - Fixed Frame Direct Set	●	●
Special sizes available	—	●
Performance <sub>1</sub>		
Meets or Exceeds AAMA/WDMA Ratings	LC50 Hallmark Certified	LC55 Hallmark Certified
Air Infiltration (cfm/ft <sup>2</sup> of frame @ 1.57 psf wind pressure)	0.15	0.10
Water Resistance	7.5 psf	8.36 psf
Design Pressure	50 psf	55 psf
Other Performance Criteria		
Forced Entry Resistance Level (Minimum Security Grade) <sub>2</sub>	40	40



### Sound Transmission Class / Outdoor-Indoor Transmission Class

Product	Frame Size Tested <sub>3</sub>	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (ML)		
Lifestyle Series In-Swing Patio Door	Active-Fixed – Dual-Pane Glass						
	71-1/4"x 81-1/4"	13/16"	3mm	3mm	—	30	24
	71-1/4"x 81-1/4"	13/16"	5mm	3mm	—	32	28
	Active-Inactive – Triple-Pane Glass						
	71-1/4"x 81-1/2"	11/16"	3mm	3mm	3mm	34	28
	71-1/4"x 81-1/2"	11/16"	5mm	3mm	4mm	35	31
	71-1/4"x 81-1/2" with blind	11/16"	5mm	3mm	4mm	35	31
	71-1/4"x 81-1/2" with shade	11/16"	5mm	3mm	4mm	35	31

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values. Values shown are for standard and special sizes; Custom sizes may not have the same values. Contact your local sales representative for complete information.

(2) The higher the level, the greater the product's ability to resist forced entry.

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





## Lifestyle Series In-Swing Patio Door

### Features and Options

Standard	Options / Upgrades
<b>Glazing</b>	
<b>Glazing Type</b>	
Dual-Pane Glazing	Triple-Pane Glazing with Clear Moveable Light
<b>Insulated Glass Options/Low-E Types</b>	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
<b>Glass Performance Package Options</b>	
Base Package (Dual-Pane)	Performance Package - Triple-Pane
	Sound Control Package - Triple-Pane with STC glass
	Energy Efficiency Package - Triple-Pane with AdvancedComfort Low-E
	Ultimate Performance Package - Triple-Pane with AdvancedComfort Low-E and STC glass
<b>Additional Glass Options</b>	
Annealed Glass	STC Glazing Options
	Tempered Glass
	Obscure Glass <sup>1</sup>
<b>Gas Fill/High Altitude</b>	
Argon	High altitude (Air-filled only)
<b>Exterior</b>	
<b>EnduraClad® Cladding Colors<sup>1</sup></b>	
4 Standard colors	8 Feature Colors
<b>Sill Finish<sup>2</sup></b>	
Black	Mill
<b>Interior<sup>1</sup></b>	
Unfinished wood	Factory primed, Factory prefinished paint, Factory prefinished stain
<b>Wood Types</b>	
Pine	—
<b>Hardware</b>	
Champagne, White, Brown or Matte Black	Satin Brass, Satin Nickel
<b>Locking System</b>	
Multi-Point	
Key lock	—
<b>Grilles</b>	
<b>Simulated-Divided-Light with Optional Spacer (Dual-Pane glazing)</b>	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
<b>Simulated-Divided-Light with Grilles-Between-the-Glass (Triple-Pane glazing)</b>	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
<b>Grilles-Between-the-Glass</b>	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
<b>Integrated Between-the-Glass Options (Triple-Pane Only)<sup>1</sup></b>	
<b>Cellular Fabric Shades</b>	
—	Raise-and-lower bottom-up
<b>Slimshade® Blinds</b>	
—	Raise-and-lower bottom-up
<b>Screens</b>	
—	InView™ screens

(—) = Not Available

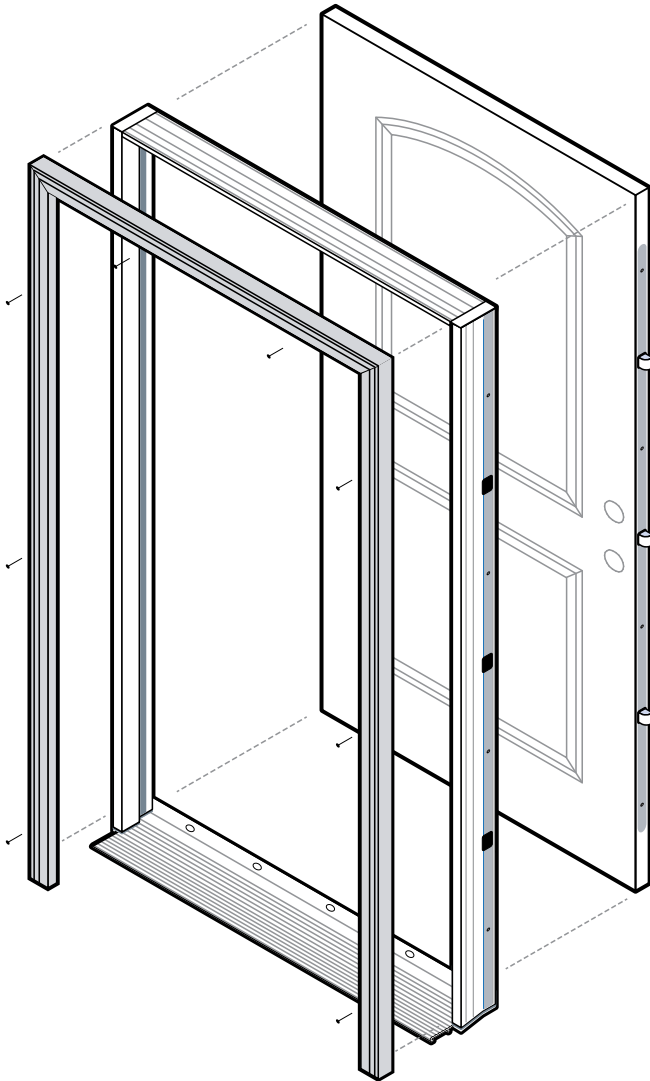
(1) Contact your local Pella sales representative for current designs and color options. Cellular fabric shades and Slimshade blinds are not available in transom units

(2) ADA sill available in mill finish only.



#1 preferred entry door brand by homeowners.\*

A curated collection of fiberglass and steel entry doors delivering dependable performance and inspired designs.



Rendering shown with all available options.

- **Whole home solution**

Trust Pella to be your whole project solution with our complete offering of windows, patio doors and entry doors. Support is available where and when you need it with trusted national, regional and local partners in sales and installation.

- **Innovative security sensors**

Our integrated security sensors are factory-installed and integrated directly into the entry door system. Preserving the beauty and warranty of a Pella entry door while increasing peace of mind, they can be used with the free Pella Insynctive® app and integrate with many home security systems.

- **Premium hardware**

Pella has partnered with Baldwin®, the #1 premium hardware brand to create three stunning collections to complement your project's style, architecture and coordinating window hardware.

- **Variety of panel materials**

Available in fiberglass and steel, our collection of entry doors can meet the needs of your design vision, while providing exceptional performance and energy efficiency.

- **Rot-resistant frame system**

Pella's complete panel and frame system for fiberglass and steel entry doors is made of a rigid closed cell poly-fiber material and is engineered to be exceptionally energy efficient. It does not absorb moisture and is rot resistant, reducing potential callbacks.

- **Energy-efficient panels**

Our fiberglass and steel entry doors feature solid polyurethane foam-filled panels to increase energy efficiency and ensure years of exceptional performance.

- **Desired, on-trend colors**

Select from a curated color collection, created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings. They are designed to complement Pella windows and patio doors and coordinate with other exterior finishes, including siding, roofing, stone and shingles.

- **Most popular styles**

With the most popular panel styles, we've made the selection process for your next project faster and easier. With a panel offering that fits every home style, you can help fulfill your customer's desired aesthetic.

- **Available impact options**

Offering panel and glass options for impact-certification, Pella's fiberglass and steel panels and frame system allow for code compliance. See performance details at [PellaADM.com](http://PellaADM.com) for more information.



Pella® entry doors are backed by some of the strongest warranties in the business.<sup>2</sup>

Pella entry door fiberglass systems with composite exterior frames are backed by the Pella Limited Lifetime Warranty. The Pella 20/10 Limited Warranty is the standard warranty for all steel and wood entry doors from Pella.


\* Study of homeowner perceptions of leading national brands. Study commissioned by Pella, 2019.

Product Specifications


Entry Door Styles	Min. Width	Min. Height	Max. Width¹	Max. Height	Performance Values¹	
					U-Factor	SHGC
Flush Glazed Full Light²	30"	80"	36"	96"	0.25	0.16
Full Light²	30"	80"	36"	96"	0.25	0.16
3/4 Light²	32"	80"	36"	96"	0.25	0.21
3/4 Deluxe Oval Light²	32"	80"	36"	80"	0.24	0.15
1/2 Light 1 Panel Plank	32"	80"	36"	96"	0.23	0.16
Craftsman Light²	32"	80"	36"	96"	0.19	0.09
Twin Colonial Light	32"	80"	36"	80"	0.19	0.09
2 Panel Square	32"	80"	36"	96"	0.15	0.01
2 Panel Arch Plank	32"	80"	36"	96"	0.15	0.01
Craftsman²	32"	80"	36"	96"	0.15	0.01
6 Panel²	30"	80"	36"	96"	0.15	0.01
Flush	30"	80"	36"	96"	0.15	0.01

Panel Styles


Solid




2 Panel Square




2 Panel Arch Plank



Craftsman²



6 Panel²




Flush

Glazed



Craftsman Light²



1/2 Light 2 Panel²



1/2 Light 1 Panel²



1/2 Light 1 Panel Plank



3/4 Oval Light²



3/4 Deluxe Oval Light²



3/4 Light²



Full Light²



3 Light Equal



4 Light Equal



Twin Colonial Light



Fan Light




Fan Light Rectangle




1 Light Flush

Flush Glazed




Flushed Glazed 1/2 Light²



Flushed Glazed 3/4 Light²



Flushed Glazed Full Light



Flushed Glazed Craftsman

¹ Values shown are for a single door. See your Pella representative for more information.  
² Availability may be limited. Please contact your local Pella representative for more information.  
³ See written limited warranties for complete details, including exceptions and limitations, at [pella.com/warranty](https://pella.com/warranty) or contact Pella Customer Service at 877-473-5527.

Colors

**Finishes** Find the color that coordinates best with your project, from modern to traditional styles, across the country. Our curated collection of on-trend colors was created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings.

Prefinished Stains



Golden Oak



Early American



Provincial



Red Mahogany



Dark Mahogany



Charcoal

Painted Fiberglass or Steel



White



Classic White



Pearl Gray



Soft Linen



Wolf Gray



Almond



Putty



Fossil



Portobello



Brown



Brick Red



Spice Red



Sage



Pine Green



Frost Blue



Blue Ash


Glass

Glass

Low-E insulating glass is available on a broad range of glazed entry doors. It provides thermal protection for exceptional energy efficiency, insulating from both heat and cold — making it a great choice for all climates. Decorative and impact-resistant glass options are available.

Low-E Glass


Energy-saving Low-E insulating glass is a simple, elegant option that helps protect flooring and furniture from fade damage.




Low-E Glass

Low-E Obscure Glass


An elegant way to add privacy, Pella's obscure glass patterns provide unique design simplicity.




Chord




Double Water



Pear



Satin Etch



Narrow Reed

Added Peace of Mind

**Integrated Security Sensors** Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella Insynctive® mobile app and are compatible with major security panel systems.\* For more information, go to [connectpella.com](https://connectpella.com).

\* Requires the Pella Insynctive App on a smart device, an Insynctive Bridge and a wireless home internet router with internet connection.

PORTFOLIO® LINE

# CANYON RIDGE®

collection

5-LAYER CONSTRUCTION



America's Favorite Garage Doors®



*Design 36 shown in dark finish with  
Optional Olde Door Pull Handles, Mediterranean Strap Hinges  
and Fleur de Lis Step Plate. (Model CAN236PC)*



[clopay.com](http://clopay.com)

# Designing Your Canyon Ridge Door

This brochure is arranged to progressively help you select the model number of your door choice. See the example to the right.

Canyon Ridge Door    Insulation Thickness\*    Design    Cladding Material\*\*    Overlay Material\*\*    Window Design/Top Section

CAN 2 13 P C REC13

\* 2 = 2" Polyurethane. \*\* See below for material design options.

## Canyon Ridge Door Designs

### SERIES 1

6'2" – 10'2"  
WIDE

10'4" – 14'10"  
WIDE

15'0" – 20'0"  
WIDE

Design 11



Design 12



Design 13



### SERIES 3

6'2" – 10'2"  
WIDE

10'4" – 14'10"  
WIDE

15'0" – 20'0"  
WIDE

Design 31



Design 32



Design 33



Design 34



Design 35



Design 36



Design 37



Design 38



### SERIES 2

6'2" – 10'2"  
WIDE

10'4" – 14'10"  
WIDE

15'0" – 20'0"  
WIDE

Design 21



Design 22



Design 23



Door widths available 6'2" to 20'0" wide in 2" increments. Door heights available 6'0" to 12'0" high in 3" increments. Note: 6'3" high doors are not available with windows. See your Clopay Dealer for details.

## Material Design Options

Cladding  
Material

C



M



P



Overlay  
Material

C



M



Note: Cladding and overlay material options can be combined.



# Window Designs / Top Sections

Top sections are available in solid panels or with windows in Rectangular, Square and Arched Designs. 1/8" DSB glass is standard. Obscure, Seeded, Insulated DSB, Insulated Obscure and Insulated Seeded are also available as an option. Insulated glass available on Series 1 and 2 only. Contact your Clopay Pro-Series Dealer for details.



**Brand NEW!** Seeded glass option available on all window designs to give an Old World charm to your home.

	6'2" – 10'2" WIDE	10'4" – 14'10" WIDE	15'0" – 20'0" WIDE
TOP11			
TOP12			
TOP13			
ARCH1			
ARCH1A			
REC11			
REC13			
REC14			
SQ23			
SQ24			
ARCH1			
ARCH1A			
ARCH3			
ARCH3A			
ARCH4			
ARCH4A			
TOP11			
TOP12			
TOP13			
ARCH1			
ARCH1A			
ARCH1			
ARCH1A			
ARCH1			
ARCH1A			

**Series 1 & 2  
Solid Top  
Sections**  
(Not Applicable  
to Series 3)

**Series 1 & 2  
Glazed Top  
Sections**  
(Not Applicable  
to Series 3)

**Series 3  
Solid Top  
Sections**  
(Not Applicable to  
Series 1 and Series 2)





# rustic looks REFINED

The Canyon Ridge® Collection provides the natural beauty of wood with the durability and low maintenance of an innovative polymer cladding and overlay. The end result is an authentic faux wood door that duplicates every aspect of the charm and character of wood. The cladding and overlay material are molded from actual wood to replicate its natural texture and intricate grain patterns of Pecky Cypress, Clear Cypress and Mahogany. Lightweight, durable and very easy to maintain, these rustic beauties are virtually indistinguishable from the original.



*Design 11 shown in medium finish, ARC4A Window Design. Optional Decorative Handles with Keyhole, Spade Strap Hinges and Fleur de Lis Step Plate. (Model CAN211PCARC3A)*



## 5-Layer Construction



*Canyon Ridge® Collection not applicable for new construction in California areas designated as "Fire Hazard Severity Zones".*



Attractive beveled edge clip-in grilles are removable for easy cleaning.

## Colors



Medium Finish

Dark Finish

Primed

*Canyon Ridge Doors come factory finished in either Medium or Dark Finishes. Cladding and overlays are finished in the same color. Doors can be ordered primed for those homeowners wishing to custom paint or stain their doors.*

*Due to the printing process colors may vary.*

*Design 22 shown in dark finish, SQ23 Windows Design. Optional Ring Door Knockers and Fleur de Lis Step Plate. (Model CAN222CMSQ23)*



# Decorative Hardware

Attractive black powder coated grip handles and step plates are provided standard to further enhance the carriage house design. Optional antique black iron hardware, including handles, operable L-keylocks, strap hinges, door knockers and studs, are available to provide the look of a classic carriage house door.

**I** = Cast Iron Construction    **A** = Aluminum Construction

## Finishing and Care

Proper care and maintenance are imperative to the appearance, longevity and performance of a Canyon Ridge® Collection door. Complete finishing and maintenance instructions are provided with the door and are also available online at [www.clopay.com](http://www.clopay.com).



## A FOCUS ON *green*

Clopay is committed to designing, manufacturing and distributing garage doors that enhance the beauty, safety and value of your home while minimizing the impact on the environment.

The Canyon Ridge® Collection helps conserve natural resources by providing a durable, reliable, low-maintenance, energy efficient door insulated with polyurethane. The steel used in Clopay's doors is made from over 75% recycled content. All Clopay doors are made in the U.S., minimizing shipping, damage and handling.

For more details on Clopay's green practices visit:  
[clopaydoor.com/cgreen.aspx](http://clopaydoor.com/cgreen.aspx)



For more detailed product specification information or availability of our Canyon Ridge® Collection Garage Doors, please contact your Clopay Pro-Series Dealer. To locate a dealer to help you select the right door for your home, just go to [www.clopaydoor.com/dealer](http://www.clopaydoor.com/dealer) or call 1-800-2CLOPAY (225-6729).

Follow us on [facebook.com/ClopayGarageDoors](https://www.facebook.com/ClopayGarageDoors),  
[twitter.com/clopay](https://twitter.com/clopay) and [BLOG clopaydoor.com/blog](http://blog.clopaydoor.com/blog).

## STANDARD HARDWARE



Spade Step Plate **I**



Spade Lift Handles **I**

## OPTIONAL HARDWARE



Fleur de Lis Handles **I**



Lion's Head Door Knocker **I**



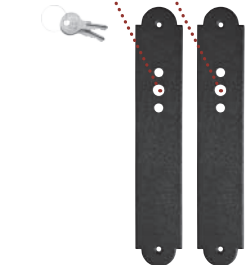
Operable L-Keylocks **I**



Olde Door Pull Handles **A**



Ring Door Knocker **I**



Escutcheon Plates **I**



Gate Latch Handles **A**



Ring Knocker with Plate **A**



Decorative Handles with Keyholes **I**



Coach Clavos **A**



Sliding Bolt **A**



Fleur de Lis Hinge **I**



Round Clavos **A**



Tuscan Strap Hinge **A**



Spade Strap Hinge **I**



Fleur de Lis Step Plate **I**



Mediterranean Strap Hinge **A**

# Hardie® Plank Lap Siding

## Submittal Form

**01**
**Submitted to:** .....

**Project Name:** .....

**Submitted by:** .....

**Date:** .....

☐ **HZ5® Product Zone**    ☐ **HZ10® Product Zone**
**Product Width:**    ☐ 5-1/4in ☒ 6-1/4in ☐ 7-1/4in ☐ 8in ☐ 8-1/4in ☐ 9-1/4in ☐ 12in

**Product Finish:**    ☒ **Primed**    ☐ **ColorPlus® Technology**
**Product Texture:**    ☒ **Smooth**    ☐ **Select Cedarmill®**    ☐ **Colonial Roughsawn®**  
☐ **Colonial Smooth®**    ☐ **Rustic Cedar**

# Hardie® Plank Lap Siding

## Specification Sheet

**01**
**DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION**
**SECTION: 07 46 46 FIBER CEMENT SIDING**

## HARDIE® PLANK LAP SIDING

### Manufacturer

*James Hardie Building Products, Inc.*

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Prattville, Alabama
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California
- Summerville, South Carolina

### Compliance with the following codes

- 2006 thru 2021 International Building Code (IBC)
- 2006 thru 2021 International Residential Code (IRC)

For more information about other compliances and applicable uses, refer to ICC-ES ESR-2290

### Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

### Use

Hardie® fiber-cement lap siding is used as exterior wall covering. The product complies with IBC Section 1403.9 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

### Description

Hardie® Plank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Hardie® Plank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

### Available Sizes

Product	Width (in)	Length	Thickness (in)
Hardie® Plank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

\* HZ5: 9-1/4, 12 only available primed    HZ10: 5-1/4, 9-1/4, 12 only available primed.

Weight 2.31 lbs. per square foot

### Texture & Finish

Hardie® Plank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

### Engineered for Climate®

Hardie® Plank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.



Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft³	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass	
Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass	
		Equilibrium conditioned, psi	>1450 psi		
THERMAL	Thermal Conductivity	ASTM C177	(BTU/(hr·ft²F))/inch	As reported	2.07
	Actual Thermal Conductivity		(K <sub>eff</sub> )		6.62
	Thermal Resistance		R=1/ K <sub>eff</sub>		0.48
	Actual Thermal Resistance		(R)		0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A
	Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install Hardie® Plank lap siding in accordance with:

- Hardie® Plank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jurisdiction

Warranty

Hardie® Plank lap siding: 30-year, Non-Prorated, Limited Warranty  
ColorPlus® Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051

**IMPORTANT:** Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury. **DESIGN ADVICE:** Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.

# Hardie® Trim

Submittal Form

**09**

Project Name: .....

Date: .....

Submitted to: .....

Submitted by: .....

<b>Product:</b>	<input type="checkbox"/> ColorPlus® Technology finish <input checked="" type="checkbox"/> Primed for Paint
<b>Zone:</b>	<input type="checkbox"/> HZ5® <input type="checkbox"/> HZ10®
<b>Texture:</b>	<input checked="" type="checkbox"/> Smooth <input type="checkbox"/> Roughsawn <input type="checkbox"/> Rustic Grain
<b>Width:</b>	<input type="checkbox"/> 2.5 in. <input type="checkbox"/> 3.5 in. <input type="checkbox"/> 4.5 in. <input type="checkbox"/> 5.5 in. <input type="checkbox"/> 7.25 in. <input type="checkbox"/> 9.25 in. <input type="checkbox"/> 11.25 in.
<b>Length:</b>	<input checked="" type="checkbox"/> 12 ft.
<b>Thickness:</b>	<input checked="" type="checkbox"/> 3/4 in. <input checked="" type="checkbox"/> 1 in. <input type="checkbox"/> 1.5 in.

# Hardie® Trim

Specification Sheet

**09**

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION

SECTION: 07 46 46 FIBER CEMENT SIDING

## HARDIE® TRIM

### Manufacturer

James Hardie Building Products Inc.

The products are manufactured at the following locations, which receive regular quality control inspections by ICC-ES.

- Cleburne, Texas
- Prattville, Alabama
- Plant City, Florida
- Peru, Illinois
- Reno, Nevada

For more information about compliances, refer to Intertek Spec ID# 39758.

### Features

- Class-A Fire Rated
- Flood Damage Resistant
- Dimensionally Stable
- Resists damage from pests
- Zero Flame Spread
- Engineered for Climate®
- Weather Resistant
- Impact resistant
- Sustainable

### Use

Hardie® fiber cement trim is used as an exterior wall accessory. The product complies with 2024 IBC Section 1403.9; 2018, 2021 IBC Section 1403.10; 2012, 2015 IBC Section 1404.10.

### Description

Made from durable fiber cement, Hardie® Trim comes in a variety of textures and are available primed and ready for paint, or pre-finished with ColorPlus® Technology, providing the perfect finishing touch to your project. Hardie® Trim complies with ASTM C1186, Type A; and Class A Fire Rated per ASTM E84, with a flame spread index / smoke developed index of less than 0/5.

### Engineered for Climate®

Hardie® Trim is engineered for performance to specific weather conditions by climate zones as identified by the following map.



Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	For 3/4 in, ± 0.06 in. For greater than 3/4 in, ±10%.	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft³	ASTM C1185		As reported	70
	Water Absorption, % by mass	ASTM C1185		As reported	≤ 40.2
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi Equilibrium conditioned, psi	>580 psi >580 psi	Pass
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
FIRE CHARACTERISTICS	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install Hardie® Trim in accordance with:

- Hardie® Trim installation instructions
- Requirements of authorities having jurisdiction

Warranty

Hardie® Trim: 30-year, Non-Prorated, Substrate Limited Warranty  
ColorPlus® Technology finishes: 15-year, Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content - varies by project location
- Avoidance of certain chemicals

Detailed product information for LEED® projects, Environmental Product Declaration, or other state or regional sustainability programs is available through James Hardie Technical Services or JamesHardie.com.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services by phone at 1-888-J-HARDIE (1-888-542-7343).

**IMPORTANT:** Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury. **DESIGN ADVICE:** Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.