

**BRICK/CAST STONE**



EXISTING BUILDING MASONRY

SPLIT FACE AND  
GROUND FACE  
UNITS - CORDOVA  
STONE "LIMESTONE"



CONCRETE BRICK TYPE 1 -  
SPEC-BRIK DESIGN BLOK  
"SMOKEY ROSE" SMOOTH

CONCRETE BRICK TYPE 2 - SPEC  
BRIK DESIGN BLOK "BUFF" SMOOTH



# SPEC- BRIK®

*The Beauty of Brick  
and the Economy of  
Concrete Masonry*



**CONCRETE  
PRODUCTS  
GROUP**

INNOVATIVE CONCRETE  
MASONRY SYSTEMS



# SPEC- BRIK®

Spec-Brik® provides architects, developers and contractors with a cost effective, convenient masonry option.

#### SPEC-BRIK® Advantages:

- Increased speed of construction.
- Wide variety of colors that look like brick.
- Nationwide availability.
- Now featuring Water Control Technology for dry single wythe walls.
- Energy efficient.
- Mold and fire resistant.
- Smooth, brick like textures.
- Minimal maintenance required.
- Produced locally, readily available, assuring quick delivery.
- These benefits make Spec-Brik® an attractive and logical alternative to other wall systems.

Spec-Brik® is manufactured to job specifications and delivered quickly.

Spec-Brik®, your first choice for an economical, load-bearing wall system.

**800-789-0872**



**For Specifications, Details, Construction Videos, Color Matching Information and other support, please visit our website at [www.concreteproductsgroup.com](http://www.concreteproductsgroup.com)**



# *Now available with WATER CONTROL TECHNOLOGY™ built in for superior resistance to moisture penetration!*

Water Control Technology is an innovative new masonry unit design that resists moisture penetration by diverting water downward into the wall's drainage system.



Ask your CPG representative for more information!

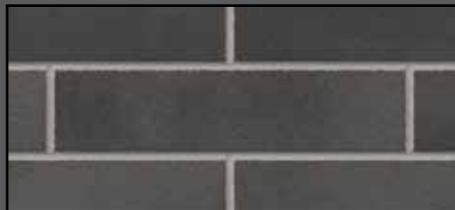
## Colors

SPEC-BRIK is available in 12 Standard Colors (custom colors are available)

Check [concreteproductsgroup.com](http://concreteproductsgroup.com) for Downloadable Masonry Designer Rendering Software



**Birmingham Blend**  
*Orange-Brown with Burgundy Flash*



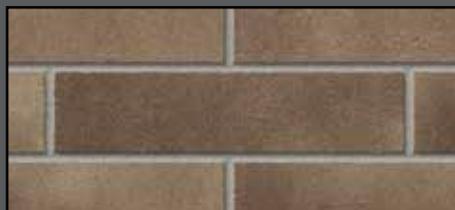
**Chesapeake Blend**  
*Dark Gray with Black Flash*



**Delaware Blend**  
*Terracotta with Burgundy Flash*



**Dixon Blend**  
*Golden Tan with Burgundy Flash*



**Gardner Blend**  
*Light Tan with Burgundy Flash*



**Houston Blend**  
*Brown with Black Flash*



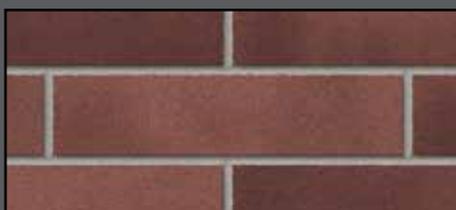
**Jefferson City Blend**  
*Tan with Dark Brown/Black Flash*



**Panama City Blend**  
*Medium Brown with Burgundy Flash*



**Philadelphia Blend**  
*Red with Light Burgundy Flash*



**St Cloud Blend**  
*Red with Red Flash*



**Stanton Blend**  
*Red with Black Flash*



**Syracuse Blend**  
*Light Brown with Burgundy Flash*

The colors above are digital renderings of blended Spec-Brik colors. Due to the limitations of the printing process and the importance of viewing masonry materials under realistic site lighting conditions, we strongly recommend viewing a sample board before making color selections and using a jobsite sample panel as the basis for acceptance of the final work.



# Nationwide Availability

The Concrete Products Group LLC (CPG) consists of regional market leaders in the concrete products industry. The CPG is organized to provide consistent, top-quality products to regional and national customers. Our SPEC-BRIK™ products are produced with consistent specifications and production expertise.

800-789-0872

**A. JANDRIS & SONS**  
202 High St.  
Gardner, MA 01440

**ALLIED CONCRETE PRODUCTS LLC**  
3900 Shannon St.  
Chesapeake, VA 23323-1054

**AMCON BLOCK**  
P.O. Box 546  
2211 Hwy 10 South  
St. Cloud, MN 56302-0546

**BARNES & CONE**  
P.O. Box 280  
5894 Court St. Rd.  
Syracuse, NY 13206-0280

**BASALITE CONCRETE PRODUCTS LLC**  
605 Industrial Way  
Dixon, CA 95620

**BLOCK USA**  
P.O. Box 100813  
2570 Ruffner Rd.  
Birmingham, AL 35210

**FIZZANO BROTHERS CONCRETE PRODUCTS, INC.**  
1776 Chester Pike  
Crum Lynne, PA 19022-1299

**HEADWATERS CONSTRUCTION MATERIALS**  
7620 Washington Ave.  
Houston, TX 77007

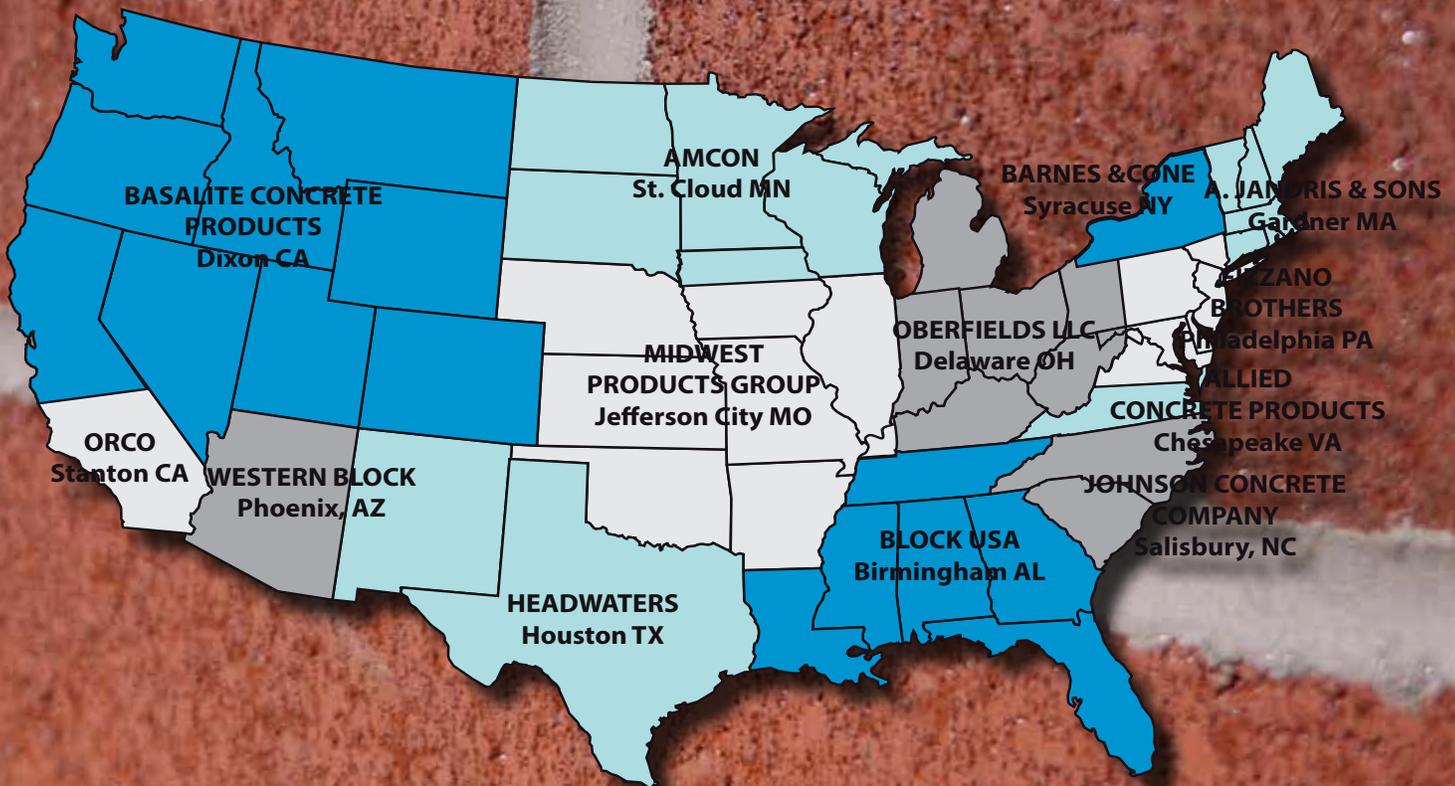
**JOHNSON CONCRETE COMPANY**  
217 Klumac Road  
Salisbury, NC 28144

**MIDWEST PRODUCTS GROUP**  
12901 St. Charles Rock Rd.  
Bridgeton, MO 63044-2485

**OBERFIELDS, LLC**  
P.O. Box 362  
528 London Rd.  
Delaware, OH 43015

**ORCO BLOCK CO., INC.**  
11100 Beach Blvd.  
Stanton, CA 90680-0129

**WESTERN BLOCK COMPANY**  
4021 19th Ave. S.  
Phoenix, AZ 85041



[www.concreteproductsgroup.com](http://www.concreteproductsgroup.com)



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Cordova Stone™

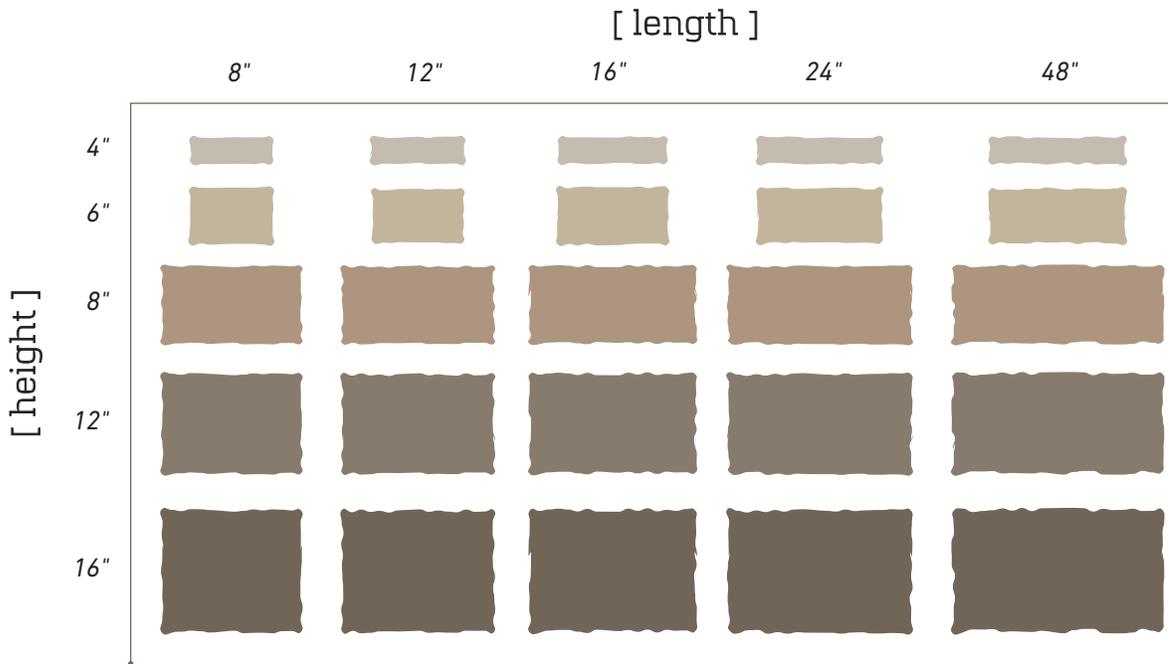
split face and  
ground face units



# Features & Benefits

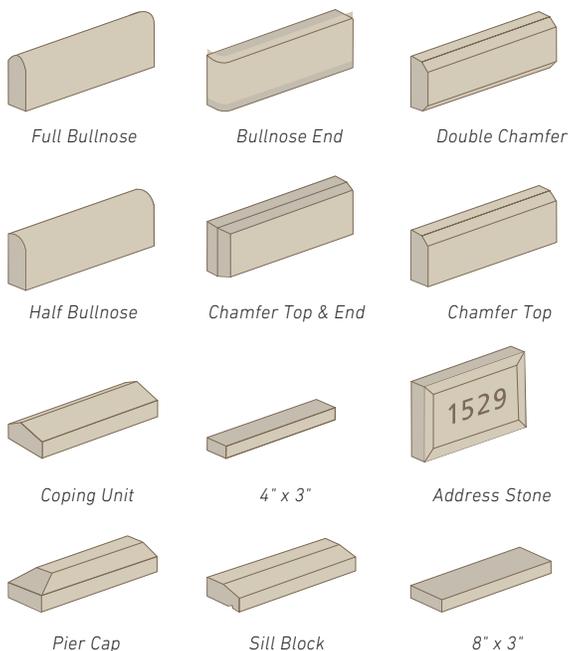
- Made with recycled content
- All natural aggregates
- Aggregate color consistent throughout the unit
- Denser than concrete block
- Tight tolerances on all units
- Greater flexibility in customizing sills, arches, coping units and larger size units
- Integral water repellent added during manufacturing
- Easily cut and shaped in the field
- May combine veneer with through wall applications
- Short lead times from our centralized manufacturing locations
- Ideal for both interior and exterior projects
- Can be installed at or below grade level

## Shapes & Sizes



Cordova Stone units are available in hundreds of customized shapes and sizes, we have highlighted a few of the most popular shapes. Also available in 1-inch veneers.

## Accessories



## Technical Information

### C1364-10b standards

Minimum Comprehensive Strength	<b>6500 psi</b>
Minimum Absorption by Weight	<b>6%</b>
Medium Density	<b>Not in Standard</b>

ASTM C90-11b Standard Specification for Loadbearing Concrete Masonry Units  
 ASTM C1364 - 10b Standard Specification for Architectural Cast Stone

# ASPHALT SHINGLES

## Technical Data Sheet

Landmark® Premium Shingles

Landmark® PRO/Architect 80 Shingles (NW Region only)

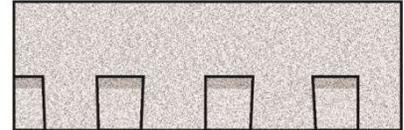
Landmark® PRO Shingles

Landmark® Shingles



### PRODUCT INFORMATION

Landmark shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products. Landmark Premium (and Algae Resistant-AR), Landmark PRO (and AR) and Landmark (and AR) are built with the industry's toughest fiber glass mat base, and their strict dimensional tolerance assures consistency. Complex granule color blends and subtle shadow lines produce a distinctive color selection. Landmark is produced with the unique NailTrak® nailing feature. **Please see the installation instruction section below for important information regarding NailTrak.**



In the Northwest Region Landmark PRO (AR) is double-branded as Landmark PRO/Architect 80 (AR).

Landmark algae-resistant (AR) shingles have the additional attribute of resisting the growth of algae especially in damp regions. AR shingles are not available in all regions

**Colors:** Please refer to the product brochure or CertainTeed website for the colors available in your region.

**Limitations:** Use on roofs with slopes greater than 2" per foot. Low-slope applications (2" to 4" per foot) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply CertainTeed WinterGuard® Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

**Product Composition:** Landmark Series shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in a special, tough asphaltic cement. All Landmark shingles have self-sealing adhesive strips.

### Applicable Standards

ASTM D3018 Type I

ASTM D3462

ASTM E108 Class A Fire Resistance

ASTM D3161 Class F Wind Resistance

ASTM D7158 Class H Wind Resistance

UL 790 Class A Fire Resistance

ICC-ES ESR-1389 and ESR-3537

CSA Standard A123.5 (Regional)

Miami-Dade Product Control Approved

Florida Product Approval # FL5444

Meets TDI Windstorm Requirements

### Technical Data:

	Landmark (and AR)	Landmark PRO* (and AR)	Landmark Premium (and AR)
Weight/Square (approx.)	222 / 238 lb **	250 / 270 lb **	300 lb
Dimensions (overall)	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"
Shingles/Square (approx.)	66	66	66
Weather Exposure	5 5/8"	5 5/8"	5 5/8"

\*Includes Landmark PRO AR/Architect 80

\*\*Dependent on manufacturing location

## INSTALLATION

The following is a general summary of the installation methods. Detailed installation instructions are supplied on each bundle of Landmark shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

**Roof Deck Requirements:** Apply shingles to minimum 3/8" thick plywood, minimum 7/16" thick non-veneer (e.g. OSB), or minimum 1" thick (nominal) wood decks. The plywood or non-veneer decks must comply with the specifications of APA-The Engineered Wood Association.

**Ventilation:** Provisions for ventilation should meet or exceed current HUD Standards. To ensure adequate balance ventilation, use a combination of continuous ridge ventilation (using CertainTeed Ridge Vent products, or a comparable product with an external baffle) combined with soffit venting.

**Valleys:** Valley liner must be applied before shingles. The Closed-Cut valley application method is recommended, using CertainTeed WinterGuard Waterproofing Shingle Underlayment or its equivalent to line the valley prior to being fully covered by the shingles.

### Underlayment:

On slopes 4" per foot or greater, CertainTeed recommends one layer of DiamondDeck® or RoofRunner™ Synthetic Underlayment, or Roofers' Select® High-Performance shingle underlayment, or shingle underlayment meeting ASTM D226, D4869 or ASTM D6757. Always ensure sufficient deck ventilation, and take particular care when DiamondDeck, RoofRunner, or other synthetic underlayment is installed. For UL fire rating, underlayment may be required. Corrosion-resistant drip edge is recommended and should be placed over the underlayment at the rake and beneath the underlayment at the eaves. Follow manufacturer's application instructions.

On low slopes (2" up to 4" per foot), apply one layer of CertainTeed's WinterGuard Waterproofing Shingle Underlayment (or equivalent meeting ASTM D1970) over the entire roof deck. Or, in areas not prone to snow or ice apply two layers of 36" wide felt shingle underlayment lapped 19", or two layers of CertainTeed's DiamondDeck, RoofRunner or other synthetic underlayment per the manufacturer's low slope application instructions. Shingle underlayment should meet ASTM D6757, ASTM D4869 or ASTM D226. Ensure sufficient deck ventilation when these types of underlayments are installed. Specific and more detailed installation instructions can be found on product packaging and in the CertainTeed Shingle Applicator's Manual.

### Fastening (NailTrak):

**Low & Standard Slopes:** On low and standard slopes, four nails are required per shingle. There are three nail lines on NailTrak shingles. Position nails vertically between the upper and lower nailing-guide lines. It is acceptable to nail between either the middle and lower lines, or between the upper and middle lines. Nails must be of sufficient length to penetrate into the deck 3/4" or through the thickness of the decking, whichever is less. They are to be located 1" and 12" in from each side of the shingle (see instructions on product wraps). Nails are to be 11 or 12 gauge, corrosion-resistant roofing nails with 3/8" heads.

**Steep Slopes:** On slopes greater than 21" per foot, fasten each shingle with six nails and four spots of roofing cement placed under each shingle according to application instructions provided on the shingle package. Fasteners must penetrate the two-layer common bond area that is indicated by the middle and lower NailTrak lines, also illustrated on the shingle package.

## Technical Data Sheet (Continued)

Landmark Series Shingles

Page 3 of 3

**Application:** The recommended application method is the 'Five-Course, Diagonal Method' found on each bundle of shingles. In this method, shingle course offsets are 6" and 11". Instructions also may be obtained from CertainTeed. These shingles may be used for new construction or for reroofing over existing Metric-sized shingles.

**Flashing:** Use corrosion-resistant metal flashing.

**Hips and Ridges:** For capping hip and ridge apply CertainTeed Shadow Ridge®, Cedar Crest® or Mountain Ridge® shingles of a like color.

### MAINTENANCE

These shingles do not require maintenance when installed according to manufacturer's application instructions. However, to protect the investment, any roof should be routinely inspected at least once a year. Older roofs should be looked at more frequently.

### WARRANTY

Landmark Premium (and AR), Landmark PRO/Architect 80 AR, Landmark PRO (and AR), and Landmark (and AR) shingles carry a lifetime limited, transferable warranty to the consumer against manufacturing defects. In addition, Landmark Premium (and AR), Landmark Premium/Architect 80, Landmark PRO (and AR), and Landmark (and AR) carry 10-years of SureStart™ Protection. For specific warranty details and limitations, refer to the warranty itself (available from the local supplier, roofing contractor or on-line at [www.certainteed.com](http://www.certainteed.com)).

### FOR MORE INFORMATION

Sales Support Group: 800-233-8990

Web site: [www.certainteed.com](http://www.certainteed.com)

See us at our on-line specification writing tool, CertaSpec®, at [www.certainteed.com/certaspec](http://www.certainteed.com/certaspec).

### CertainTeed Roofing

20 Moores Road  
Malvern, PA 19355

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**CertainTeed**  
SAINT-GOBAIN



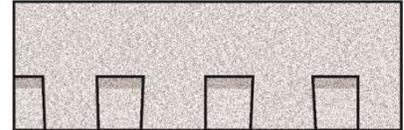
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Landmark® PRO/Architect 80 Shingles (NW Region only)  
Landmark® PRO Shingles  
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ASTM D3462

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ASTM D3161 Class F Wind Resistance

ASTM D7158 Class H Wind Resistance

UL 790 Class A Fire Resistance

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\*Includes Landmark PRO AR/Architect 80

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#### **FOR MORE INFORMATION**

Sales Support Group: 800-233-8990

Web site: [www.certainteed.com](http://www.certainteed.com)

See us at our on-line specification writing tool, CertaSpec®, at [www.certainteed.com/certaspec](http://www.certainteed.com/certaspec).

#### **CertainTeed Roofing**

20 Moores Road  
Malvern, PA 19355



# SIDING AND TRIM



Cupola siding,  
various trim boards



Achieve authentic character and  
**UNCOMPROMISING PERFORMANCE.**





It's time to  
**BUILD SOMETHING TIMELESS.**



Installed on over 8 million homes\* from coast to coast, James Hardie® fiber cement siding products are designed to resist the most extreme conditions while romancing the senses. Enjoy the warm, natural character of wood with unprecedented peace of mind. It's easy to see what makes James Hardie the market leader.

### UNIQUE FORMULATION

We use the highest quality raw materials and proprietary additives for enhanced strength and moisture protection.

### FINISHING TECHNOLOGY

Baked-on color delivers a beautiful finish that resists fading and makes a lasting impression.

### COMPLETE EXTERIOR™

Offers homeowners an unrivaled collection of design options with exceptional warranties through a single, trusted manufacturer.

\*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

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# HardieZone® System

Only James Hardie fiber cement products are Engineered for Climate®. In the northern U.S. and Canada, HZ5® products resist shrinking, swelling and cracking even after years of wet or freezing conditions. HZ10® products help protect homes from hot, humid conditions, blistering sun and more.

With James Hardie siding and trim, homeowners have an exterior that's tougher than the elements and easy on the eyes.

## NO MATTER WHAT NATURE BRINGS



HardieShingle®  
7 in. Straight  
Edge Panel  
Timber Bark





HardieTrim®  
5/4 x 3.5 in.  
Timber Bark



HardiePlank®  
6.25 in. Select  
Cedarmill®  
Khaki Brown

## TOUGHER THAN THE ELEMENTS



Stands up to storms and harsh weather



Water resistant to protect against swelling, warping and cracking; also resists mold damage



Won't be eaten by animals or insects



Fire resistant



Helps reduce time and money spent on maintenance

Resist the elements  
**WITH IRRESISTIBLE CHARM.**

# Unique Formulation

## HZ5<sup>®</sup> Substrate

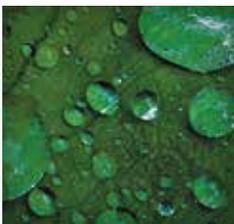
Not all fiber cement is the same. The James Hardie HZ5 product formulation contains the highest quality raw materials. Proprietary additives, combined with an innovative manufacturing process and product design, create a substrate specifically engineered to reduce moisture and resist damage from wet or freezing conditions.

### PROPRIETARY ENHANCEMENTS CREATE DURABLE JAMES HARDIE<sup>®</sup> SIDING



#### Perfect balance of strength and workability

Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.



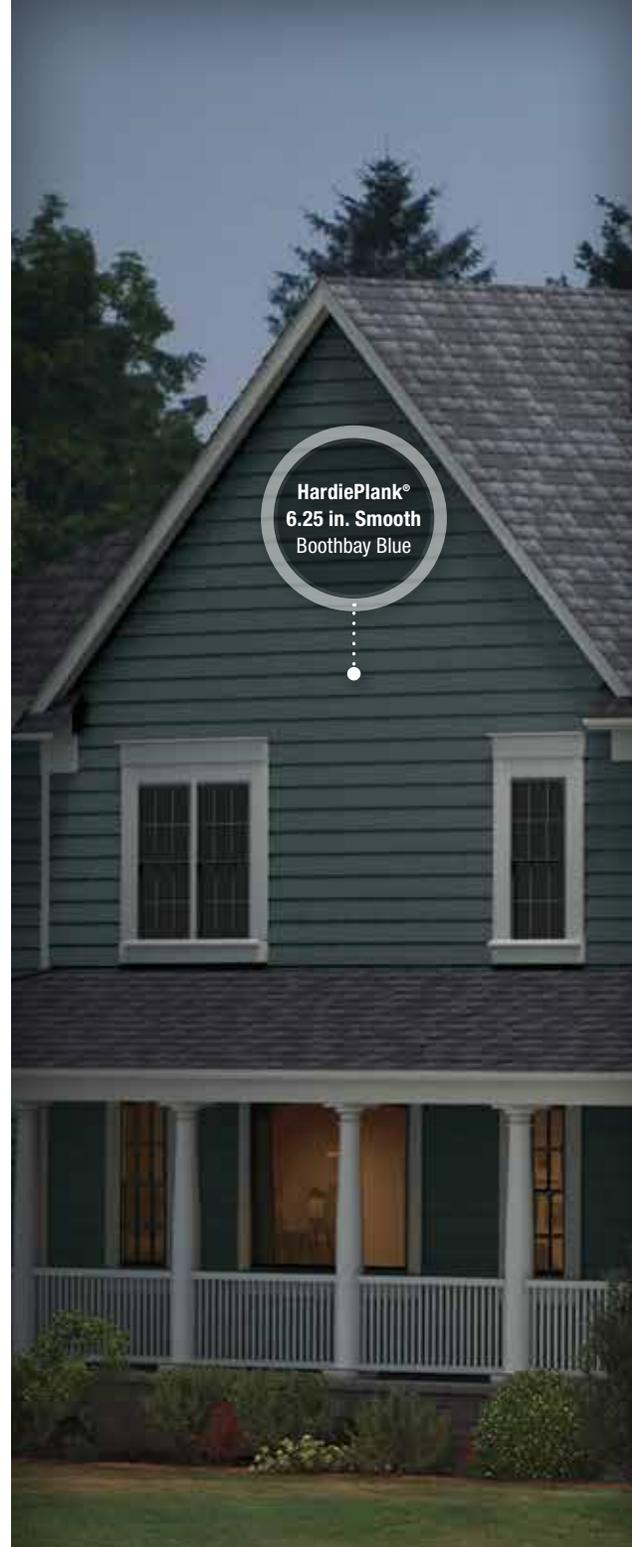
#### Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5 substrate matrix to provide durable moisture resistance.



#### Increased dimensional stability

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.



HardiePlank<sup>®</sup>  
6.25 in. Smooth  
Boothbay Blue



Integrity is ingrained  
**IN EVERYTHING WE DO.**

HardieTrim®  
5/4 x 5.5 in.  
Arctic White



**The advanced design of HZ5 lap siding improves drainage from top to bottom.** In addition to our product formulation's enhanced moisture resistance, HardiePlank® HZ5 lap siding features a modified profile with a sloped top and bullnose drip edge for improved drainage over the entire outer face of the board.



**Sloped Top**

Positive slope at top drains moisture to outer face of lap



**Profiled Drip Edge**

Bottom bullnose drip edge allows moisture to drain away from lap

# Finishing Technology

## ColorPlus® Technology

Our advanced ColorPlus® Technology finishes deliver the ultimate in aesthetics and performance to your job site. Our products aren't simply painted at the factory. Multiple coats of color are baked onto the board, creating a vibrant, consistent finish for years of lasting character, adhesion and fade resistance.

**GIVE HOMES A DURABLE, RICH AND CONSISTENT COLOR  
NO FIELD-APPLIED HOUSE PAINT CAN MATCH.**



### Superior finish adhesion

Our proprietary coating is engineered for superior adhesion to our substrate and applied to all surfaces, edges and features for durable performance.



### Superior color retention

Finish is cured onto boards after each coating step for a stronger bond, which allows for exceptional resistance to cracking, peeling and chipping.



### Superior UV resistance

Multi-coat, baked-on finish retains its vibrancy longer when compared to vinyl siding and paint on other siding products in all UV conditions.



**ColorPlus®**  
Technology

HardieShingle®  
7 in. Staggered  
Edge Panel  
Iron Gray

HardieTrim®  
5/4 x 3.5 in.  
Arctic White

HardiePlank®  
7.25 in. Select  
Cedarmill®  
Monterey Taupe

For timeless beauty  
**BEGIN WITH THE FINISH.**

**Our finishes help eliminate stress and reduce costly weather delays** when it's too cold or damp to paint for extended periods. And there's no reason to question whether or not sub-optimal painting conditions will negatively affect your paint job. In fact, there's no longer any need to paint on-site during installation.

ColorPlus Technology finishes are fully cured in a controlled environment and arrive on your job site ready for year-round installation.





**ColorPlus<sup>®</sup>  
Technology**  
Sandstone Beige



**HardieSoffit<sup>®</sup>  
Panels**



**HardiePlank<sup>®</sup>**  
Lap Siding



**HardiePanel<sup>®</sup>**  
Vertical Siding &  
**HardieTrim<sup>®</sup>**  
Batten Boards

Exceptional warranties through a  
***SINGLE, TRUSTED MANUFACTURER.***

# James Hardie Complete Exterior™

ColorPlus®  
Technology  
Monterey Taupe

HardieShingle®  
Siding

HardieTrim®  
Boards

Top to bottom, our exterior product line is defined by excellent performance, aesthetics and design options.

Provide protection from the elements, showcase a homeowner's individual style and install peace of mind with exceptional warranties through a single, trusted manufacturer.

**HardiePlank®**

Sleek and strong, HardiePlank® lap siding is not just our best-selling product – it's the most popular brand of siding in America.

With a full spectrum of colors and textures, homeowners can enjoy protection from the elements and the versatility to make their dream home a reality. From Victorians to Colonials, HardiePlank lap siding sets the standard in exterior cladding.

HardieTrim®  
5/4 x 3.5 in.  
Arctic White

HardiePlank®  
6.25 in. Smooth  
Arctic White

A classic look for  
**THE HOME OF THEIR DREAMS.**



**SELECT CEDARMILL®**

*Khaki Brown*

<b>Thickness</b>	5/16 in.					
<b>Length</b>	12 ft. planks					
<b>Width</b>	5.25 in.	6.25 in.	7.25 in.	8.25 in.	9.25 in.*	12 in.**
<b>Exposure</b>	4 in.	5 in.	6 in.	7 in.	8 in.	10.75 in.
<b>ColorPlus Pcs./Pallet</b>	324	280	252	210		
<b>Prime Pcs./Pallet</b>	360	308	252	230	190	152
<b>Pcs./Sq.</b>	25.0	20.0	16.7	14.3	12.5	9.3



**SMOOTH**

*Countrylane Red*

<b>Thickness</b>	5/16 in.					
<b>Length</b>	12 ft. planks					
<b>Width</b>	5.25 in.	6.25 in.	7.25 in.	8.25 in.	9.25 in.*	12 in.**
<b>Exposure</b>	4 in.	5 in.	6 in.	7 in.	8 in.	10.75 in.
<b>ColorPlus Pcs./Pallet</b>	324	280	252	210		
<b>Prime Pcs./Pallet</b>	360	308	252	230	190	152
<b>Pcs./Sq.</b>	25.0	20.0	16.7	14.3	12.5	9.3



**BEADED CEDARMILL®**

*Light Mist*

<b>Thickness</b>	5/16 in.	
<b>Length</b>	12 ft. planks	
<b>Width</b>	8.25 in.	
<b>Exposure</b>	7 in.	
<b>ColorPlus Pcs./Pallet</b>	210	
<b>Prime Pcs./Pallet</b>	240	
<b>Pcs./Sq.</b>	14.3	



**BEADED SMOOTH**

*Heathered Moss*

<b>Thickness</b>	5/16 in.	
<b>Length</b>	12 ft. planks	
<b>Width</b>	8.25 in.	
<b>Exposure</b>	7 in.	
<b>ColorPlus Pcs./Pallet</b>	210	
<b>Prime Pcs./Pallet</b>	240	
<b>Pcs./Sq.</b>	14.3	

\*9.25 in. only available primed.

\*\*12 in. only available primed and in select areas.

# HardiePanel®

HardiePanel® vertical siding delivers style and substance. When combined with HardieTrim® boards, it achieves the rustic board-and-batten look that defines cottage charm. The covered seams contribute to a well-insulated home.

Its crisp, clean lines make HardiePanel vertical siding a smart choice for strong, contemporary designs.



HardieTrim®  
Batten Boards  
Smooth

HardiePanel®  
Smooth

True to the tradition of  
**PERFORMANCE AND BEAUTY.**



### SELECT CEDARMILL®

*Navajo Beige*

<b>Thickness</b>	5/16 in.		
<b>Size</b>	4 ft. x 8 ft.	4 ft. x 9 ft.*	4 ft. x 10 ft.
<b>Pcs./Pallet</b>	50	50	50
<b>Pcs./Sq.</b>	3.2	2.8	2.5



### SMOOTH

*Evening Blue*

<b>Thickness</b>	5/16 in.		
<b>Size</b>	4 ft. x 8 ft.	4 ft. x 9 ft.*	4 ft. x 10 ft.
<b>Pcs./Pallet</b>	50	50	50
<b>Pcs./Sq.</b>	3.2	2.8	2.5



### STUCCO

*Navajo Beige*

<b>Thickness</b>	5/16 in.		
<b>Size</b>	4 ft. x 8 ft.	4 ft. x 9 ft.*	4 ft. x 10 ft.
<b>Pcs./Pallet</b>	50	50	50
<b>Pcs./Sq.</b>	3.2	2.8	2.5



### SIERRA 8

*Not available with ColorPlus Technology*

<b>Thickness</b>	5/16 in.		
<b>Size</b>	4 ft. x 8 ft.	4 ft. x 9 ft.*	4 ft. x 10 ft.
<b>Pcs./Pallet</b>	50	50	50
<b>Pcs./Sq.</b>	3.2	2.8	2.5

\*4 ft. x 9 ft. HardiePanel vertical siding only available primed.

# HardieShingle®

Restore the look of a grand Cape Cod or add distinction to a handsome bungalow. HardieShingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

Better than the real thing, HardieShingle siding resists rotting, curling, warping and splitting.

HardieTrim®  
4/4 x 7.25 in.  
Arctic White

HardieShingle®  
7 in. Straight  
Edge Panel  
Light Mist

Achieve the handcrafted  
**LOOK OF CEDAR.**



### STAGGERED EDGE PANEL

*Chestnut Brown*

**Thickness** 1/4 in.  
**Length** 48 in.  
**Height** 15.25 in.  
**Exposure** 6 in.  
**Pcs./Pallet** 100  
**Sq./Pallet** 2  
**Pcs./Sq.** 50.0



### STRAIGHT EDGE PANEL

*Iron Gray*

**Thickness** 1/4 in.  
**Length** 48 in.  
**Height** 15.25 in.  
**Exposure** 7 in.  
**Pcs./Pallet** 86  
**Sq./Pallet** 2  
**Pcs./Sq.** 43.0



### HALF ROUNDS\*

*Not available with ColorPlus Technology*

**Thickness** 1/4 in.  
**Length** 48 in.  
**Height** 15.25 in.  
**Exposure** 7 in.  
**Pcs./Pallet** 86  
**Sq./Pallet** 2  
**Pcs./Sq.** 43.0

\*Half Rounds are only available in Minneapolis, Detroit, Kentucky, and St. Louis districts.

# HardieTrim®

Form meets function at every angle with HardieTrim® boards. With an authentic look, HardieTrim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

Better than wood, it will complement your long-lasting, lower maintenance James Hardie siding – adding punctuation to your design statement.

HardieTrim®  
5/4 x 3.5 in.  
Khaki Brown

HardiePlank®  
6.25 in. Smooth  
Navajo Beige

The performance you require  
**THE DISTINCTIVENESS YOU DESIRE.**

## HARDIETRIM® BOARDS



### 4/4 NT3® SMOOTH & ROUGHSAWN

*Arctic White*

<b>Thickness</b>	.75 in.				
<b>Length</b>	12 ft. boards				
<b>Width</b>	3.5 in.	5.5 in.	7.25 in.	9.25 in.	11.25 in.
<b>Pcs./Pallet</b>	312	208	156	104	104



### 5/4 NT3® SMOOTH & ROUGHSAWN

*Arctic White*

<b>Thickness</b>	1 in.				
<b>Length</b>	12 ft. boards				
<b>Width</b>	3.5 in.	4.5 in.*	5.5 in.	7.25 in.	9.25 in. 11.25 in.
<b>Pcs./Pallet</b>	240	200	160	120	80 80



### CROWN MOULDING

*Arctic White*

<b>Thickness</b>	.75 in.	
<b>Length</b>	12 ft. boards	
<b>Width</b>	3.25 in.	5.25 in.
<b>Pcs./Pallet</b>	50	48

## HARDIETRIM® BATTEN BOARDS



### RUSTIC GRAIN®

*Arctic White*

<b>Thickness</b>	.75 in.
<b>Length</b>	12 ft. boards
<b>Width</b>	2.5 in.
<b>Pcs./Pallet</b>	437



### SMOOTH

*Arctic White*

<b>Thickness</b>	.75 in.
<b>Length</b>	12 ft. boards
<b>Width</b>	2.5 in.
<b>Pcs./Pallet</b>	437

\*5/4 x 4.5 in NT3 boards are available only in smooth

**HardieSoffit**<sup>®</sup>

HardieSoffit<sup>®</sup>  
16 in. Vented  
Smooth  
Arctic White

A home is only as strong as its weakest point. HardieSoffit<sup>®</sup> panels reinforce your work by protecting the vulnerable gap between eaves and exterior walls.

Available in vented, non-vented and a range of pre-cut sizes, these panels complete your design and help protect it from moisture and pests.

#### VENTILATION BENEFITS

Using vented soffit improves ventilation in the attic space and reduces the chance of water vapor condensation that can lead to issues such as mold and mildew growth, stained ceilings and damage to the framing of the house.

In warm climates, HardieSoffit panels allow hot, humid air to escape, which not only helps prevent condensation in the attic, but can also help reduce air conditioning costs.

In cool climates, HardieSoffit panels help prevent condensation from forming on the interior side of the roof sheathing and reduce the chances of roof-damaging ice dams.

For complete confidence  
**EVERY DETAIL MATTERS.**



**VENTED SMOOTH & CEDARMILL®**

*Cobble Stone*

<b>Thickness</b>	1/4 in.		
<b>Length</b>	12 ft.	12 ft.	8 ft.
<b>Width</b>	12 in.	16 in.	24 in.
<b>ColorPlus Pcs./Pallet</b>	216	156	108
<b>Prime Pcs./Pallet</b>	200	150	100



**NON-VENTED SMOOTH & CEDARMILL®**

*Cobble Stone*

<b>Thickness</b>	1/4 in.			
<b>Length</b>	12 ft.	12 ft.	8 ft.	8 ft.*
<b>Width</b>	12 in.	16 in.	24 in.	48 in.
<b>ColorPlus Pcs./Pallet</b>	216	156	108	
<b>Prime Pcs./Pallet</b>	200	150	100	50



**BEADED PORCH PANEL**

*Arctic White*

<b>Thickness</b>	1/4 in.
<b>Length</b>	8 ft.
<b>Width</b>	48 in.
<b>Pcs./Pallet</b>	50

Using the proper amount of vented HardieSoffit panels is crucial to a building's ventilation performance. James Hardie has taken the guess work out of soffit ventilation by providing the table below illustrating the minimum amount of vented HardieSoffit panels recommended for your attic space.\*\*

ATTIC SQ. FT.	LINEAR FT. OF VENTED SOFFIT
200	10
300	14
400	19
500	24
600	29
700	34
800	38
900	43
1000	48
1100	53
1200	58
1300	62
1400	67
1500	72
1600	77
1700	82
1800	86
1900	91
2000	96
2100	101
2200	106
2300	110
2400	115
2500	120
2600	125
2700	130
2800	134
2900	139
3000	144
3100	149

\*These 48 in. x 8 ft. panels only available primed.

\*\*Linear Feet of Vented Soffit calculation is based on 2012 International Residential Code (IRC) Section 806.2, Exception 2, with a 50% upper attic and 50% lower attic split of required ventilation, using soffit with a net free ventilation of 5 square inches per linear foot. This Exception is also approved in 2015 IRC Section 806.2. Always consult a building design professional to confirm attic ventilation meets local building code requirements.



Cast your homes in  
**THE MOST ROMANTIC LIGHT.**

Khaki Brown

Cobble Stone

Timber Bark

**SUBTLE BLENDS**

# Color Inspiration



COOL TONES

Evening Blue

Arctic White

Boothbay Blue

Use deeper body colors for a warm, welcoming feeling. Make homes appear larger with soft contrasts between siding and trim. The right color combinations leave lasting impressions. Our color specialists designed the rich ColorPlus finish collection to help you express what's special about every home you build.

COMPLEMENTARY



Heathered Moss

Arctic White

Mountain Sage



WARM TONES

Countrylane Red

Navajo Beige

Autumn Tan

# Express the true nature of a home's character with ColorPlus® Technology

## PLANK, PANEL, BATTEN AND SHINGLE COLORS

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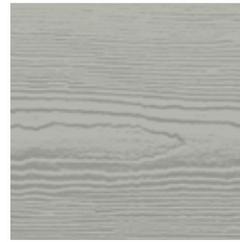
ARCTIC WHITE



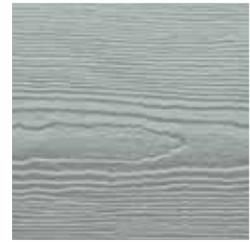
NAVAJO BEIGE



COBBLE STONE



PEARL GRAY



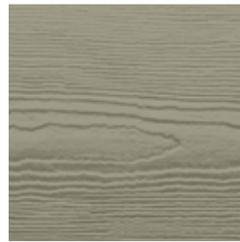
LIGHT MIST



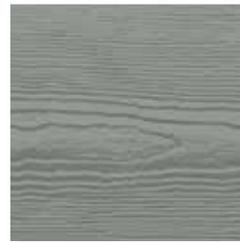
SAIL CLOTH



SANDSTONE BEIGE



MONTEREY TAUPE



GRAY SLATE



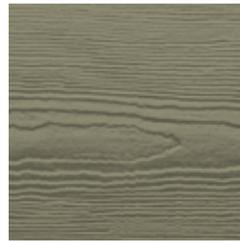
BOOTHBAY BLUE



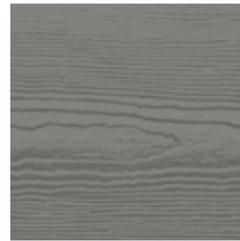
WOODLAND CREAM



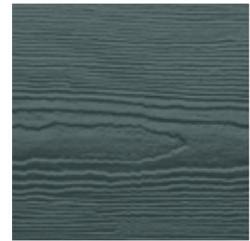
AUTUMN TAN



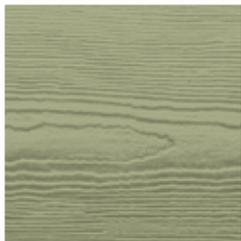
WOODSTOCK BROWN



AGED PEWTER



EVENING BLUE



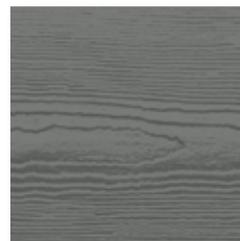
HEATHERED MOSS



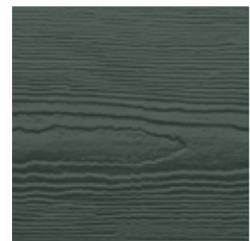
KHAKI BROWN



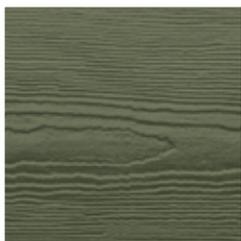
TIMBER BARK



NIGHT GRAY



IRON GRAY



MOUNTAIN SAGE



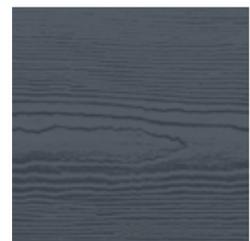
CHESTNUT BROWN



COUNTRYLANE RED



RICH ESPRESSO



DEEP OCEAN

## TRIM AND SOFFIT COLORS



ARCTIC WHITE



NAVAJO BEIGE



COBBLE STONE



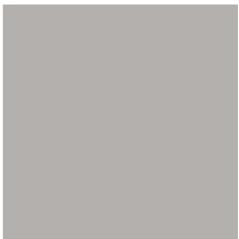
SAIL CLOTH



SANDSTONE BEIGE



MONTEREY TAUPE



PEARL GRAY



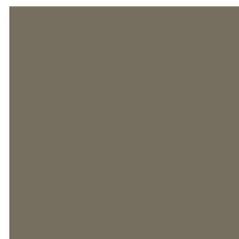
AUTUMN TAN



WOODSTOCK BROWN



KHAKI BROWN



TIMBER BARK

Explore our color palettes and differentiate your homes with stunning curb appeal. These distinctive tones are drawn from natural environments, complementing your design with the look of America's idyllic neighborhoods.



Selecting a color? Request a product sample at [jameshardiepros.com/samples](https://www.jameshardiepros.com/samples)

Colors shown are as accurate as printing methods will permit. Please see actual product sample for true color.



No exterior cladding can prevent 100% of water intrusion. Your homes should have an additional line of defense. HardieWrap® weather barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.

We've got performance covered  
**FROM THE INSIDE OUT.**

INSTALLATION ADVANTAGES

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify



**WEATHER BARRIER**

Thickness	11 mil.			
Length	100 ft.	100 ft.	150 ft.	150 ft.
Width	3 ft.	9 ft.	9 ft.	10 ft.

**PRO-FLASHING**

Thickness	20 mil.		
Length	75 ft.	75 ft.	75 ft.
Width	4 in.	6 in.	9 in.

**FLEX FLASHING**

Thickness	60 mil.	
Length	75 ft.	75 ft.
Width	6 in.	9 in.

**SEAM TAPE**

Thickness	3.2 mil.
Length	164 ft.
Width	1-7/8 in.



To learn more about our weather barrier's advantages, visit [jameshardiepros.com](http://jameshardiepros.com)

# Finishing Touches

## ColorPlus Technology Accessories

### TOUCH-UP KITS

Specially formulated to match ColorPlus Technology finishes, our Touch-up Kits offer resistance to aging, color change and chalking. Included in the kits, Touch-up Pens conceal nailheads and very small nicks and scratches.



### COLOR MATCHED CAULK

OSI® QUAD® MAX sealant offers a high performance sealant solution to color match James Hardie ColorPlus products.



## Trim Accessories

### FLAT TABS

Reduce nail holes and improve the aesthetic of trim applications around windows, doors and band boards.

### CORNER TABS

Use corner tabs to reduce the appearance of nail holes that would detract from the finished look of corner trim installations.



Find useful job-site tips in our industry-leading Best Practices Guide. For the latest installation instructions, visit [jameshardiepros.com](http://jameshardiepros.com)



HardieTrim®  
5/4 x 3.5 in.  
Arctic White

HardiePlank®  
7.25 in. Select  
Cedarmill®  
Timber Bark

As unforgettable  
**AS IT IS UNCOMPROMISING.**



## See the James Hardie Difference



James Hardie invented fiber cement. Over 8 million homes\* later, we continue to set the standard in premium, high-performance exterior cladding. Our products deliver uncompromising durability and finish quality for a beautiful, lower maintenance exterior.

Our unrivaled investment in R&D and constant innovations in product design, manufacturing and distribution allow us to remain steps ahead of the competition. With the support of our employees, partners and exceptional warranties, we're committed to protecting your customers' homes while helping your business grow.

\*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

# Warranty

Protect your homes with North America's #1 brand of siding backed by exceptional warranties. Unlike other brands, James Hardie doesn't prorate our siding and trim warranty coverage. We stand behind our siding 100% for 30 years and trim for 15 years.

ColorPlus Technology finishes come with a 15-year limited warranty.

## James Hardie Non-Prorated Siding Substrate Warranty Coverage



# Endorsements – a reputation built on trust

For decades, our fiber cement products have been used to create better places to live. Each new home stands as a testament to our uncompromising quality. That proven track record has earned the loyalty of millions of homeowners and the endorsements of trusted authorities across the building industry.\*



Featured on the **DIY Network's Blog Cabin** since 2012



Chosen by builders as a **Brand Leader** in **Builder Magazine** since 2009



**HardiePlank lap siding** is backed by the **Good Housekeeping Seal**

\*Endorsements accurate as of 2017.



HardiePlank®  
8.25 in.  
Select Cedarmill®  
Countrylane Red

HardieTrim®  
5/4 x 5.5 in.  
Arctic White

Make every home  
**AN EXPRESSION OF YOUR CHARACTER.**



1.888.542.7343 | jameshardiepros.com

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**JamesHardie**

Siding | Trim

# WINDOWS

# NX-3000 Series Thermal Windows

Thermal Performance Merges with Adaptable Design to Offer More Choices



Maine East High School, Park Ridge, Illinois  
Architect: ARCON Associates Inc., Lombard, Illinois  
Photo: © Bill Gnech / The Apple Group

Building codes and energy requirements continue to evolve at a rapid rate, requiring high-performing products for a variety of applications. NX-3000 Series Windows offer a high-performing, comprehensive solution designed to address the aesthetic and energy demands of the market. With outstanding air, water and structural performance, NX-3000 Series Windows are ideal for school applications where condensation and mold are significant concerns, and safety and durability are essential.

A range of installation options, glazing features and hardware durability are a few elements that allow these adaptable windows to go to the front of the class. Proven performance and superior strength make this window series a wonderful choice for new or retrofit construction. With NX-3000 Series Windows, choice is everything.

## Performance

By incorporating an innovative barrier system, NX-3000 Series Windows deliver enhanced thermal performance. The high-performance energy spacer provides reduced U-factors when compared to a conventional insulated glazing unit with a metallic spacer. The combination furnishes an insulation barrier that results in excellent energy efficiency.

Thermal efficiency and operable ventilators make the window ideal for buildings seeking to earn LEED®\* (Leadership in Energy and Environmental Design) certification with the U.S. Green Building Council.

NX-3000 Series meets the minimum requirements for the Architectural Window (AW) performance class and has been life cycle tested to the AAMA standard. Made from aluminum, this high-performing window series offers unlimited finish options, installation flexibility and sustainable benefits such as recyclability. Furthermore, the window will not rot, warp or buckle due to moisture and weather exposure.

## Fabrication and Installation

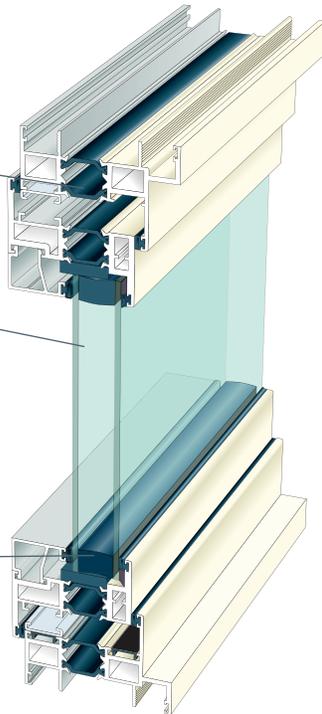
NX-3000 Series Windows can be used on new or retrofit applications. A number of installation options and accessories are available. Additionally, the windows are versatile to address custom field applications.

### NX-3100 3-1/4" Architectural Overlap Casement Outswing Thermal Aluminum Window

High-Performance  
Thermal  
Barrier System

1" Insulating Glass

High-Performance  
Energy Spacer



## Aesthetics and Versatility

This innovative 3-1/4" architectural window is available in several configurations including fixed, casement, projecting and tilt-turn. Concealed stainless steel hinges offer a more streamlined appearance on most NX-3000 models. NX-3700, a tilt-turn window, incorporates concealed dual action hardware. Options for internal blinds and insect screens are also available on several models.

MODEL	AW RATING	FUNCTION
NX-3100	80	Overlap Casement Outswing
NX-3200	80	Overlap Casement Inswing
NX-3400	80	Overlap Project-In
NX-3500	80	Overlap Project-Out
NX-3800	80	Fixed
NX-3700	50	Dual Action Tilt-Turn

A dual color option provides the flexibility to vary interior and exterior finishes.



Maine East High School, Park Ridge, Illinois  
Architect: ARCON Associates, Inc., Lombard, Illinois  
Photo Courtesy of Main Township School District

Kawneer Company, Inc.  
Technology Park / Atlanta  
555 Guthridge Court  
Norcross, GA 30092

[kawneer.com](http://kawneer.com)  
770 . 449 . 5555





Bone White LT411651

color to match existing windows



Ascot White LT410836



Polar White LT410085



Colonial White LT411575



Sierra White LT410468



Beige LT440745



Portland Stone LT420546



Fashion Gray LT420895



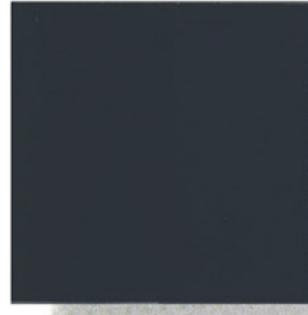
Yorktown LT420565



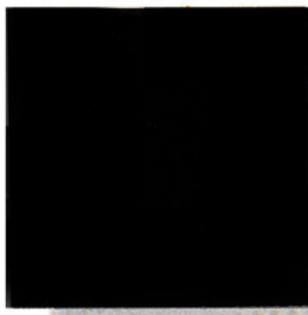
Seawolf LT442656



Sage Brown LT450802



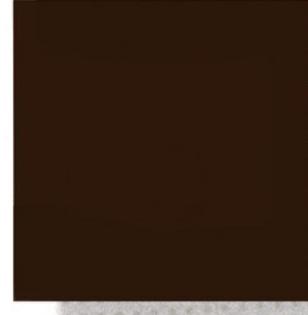
Charcoal Gray LT422496



Black LTV101



Brandywine LT490069



Cocoa Brown



Conch LT430498



Rosewood LT490185



Desert Rose LT430253



Colonial Blue



Arabian Blue LT481411

DOORS



# Architectural Solutions *for educational facilities*

Exterior & Interior Doors and Frames | Restroom Partitions

Exterior Doors -  
see page 4



# For new construction or renovation *choose the products with longer life*

## Special-Lite, Inc. *the original "school door" company*

We want you to use the best door for your application.

Our super tough SL-17 with Speclite3® FRP in pebble grain texture – extremely resistant to dents, scratches, scuffs, paint and ink, so even tough stains like graffiti can be removed; our SL-20 with through-color FRP but in a finer grain sandstone texture; our SL-16 beautiful aluminum face sheet door for areas with high traffic but less vandalism; our Monumental (aluminum stile and rail door) that creates an open and inviting full-vision entrance, while providing the functionality, security, and long service life you require.

Have a locker room, computer room or food service area? You may want to consider one of our AF (all fiberglass) products that are completely sealed against moisture, water, and dirt. Paired with a pultruded fiberglass frame, this door offers a lightweight, economical solution for locations prone to moisture.



SL-17 FRP Flush Door



SL-18 Wood Grain Colonial Door



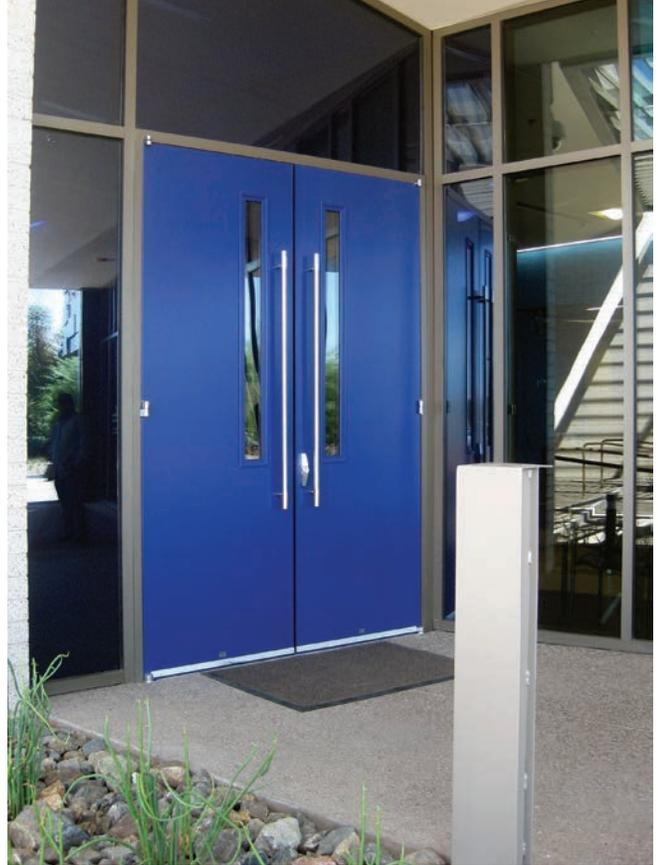
### SL-17 Speclite3 Doors®

*"I have 700 to 800 kids going through those doors daily. Junior high and high school kids think nothing of kicking doors open and slamming doors out hard. When no one else is around, they use pocket knives and paper clips to carve their initials in the door panels. They spray paint them, too. But since we started replacing the old doors with Special-Lite, we have taken their 'fun' away."*

Director of Maintenance in a central Oklahoma school district

# Doors for every application *from main entrance to receiving doors*

Since 1971, architects, facility managers and contractors who specialize in both K-12 and Higher Education facilities, have relied on Special-Lite for their projects. Our doors, panels and framing are engineered and built for high-cycle, high-abuse applications, and will outlive the term of the bond that funded their purchase. Whether you have a K-12 school, community college, private college or university, we know our doors will live and thrive in your environment better than any others on the market today.



SL-16 Aluminum Flush Door

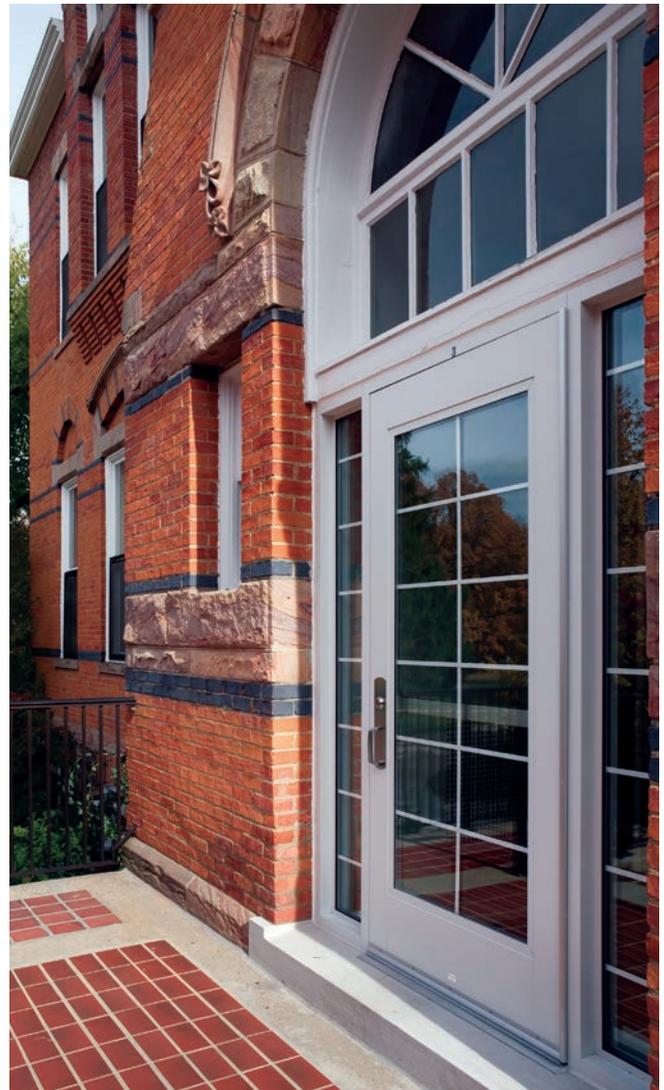


SL-19 Wood Grain Flush Door



AF-100 Pultruded Fiberglass Door  
*- pool environment*

All across the country, educational leaders and facility managers are confronted with the challenges associated with providing safe facilities with low maintenance needs. Increasing student population, security concerns, and deferred maintenance are but a few items that place demands for building renovations or new construction projects. Whether you're planning new construction or renovating an existing structure, Special-Lite doors and framing can be designed, engineered and built to meet both your architectural and performance requirements.



SL-15 Monumental Door - *internal muntins*

Customize your entrance  
with texture, color, size & special features



### Your architecture...your identity

Every Special-Lite entrance is a custom solution. We work directly with architects, contractors, construction managers and end-users to create exactly the right entrance for your application. We can match any architectural style, from the classic arch-topped entrance of an ivy-covered dormitory, to the sleek, contemporary look of a mall-style high school lobby.

### Colors and textures for every style

Special-Lite produces doors and frames in a wide variety of standard and optional anodized finishes and paint colors and can match any custom paint color you desire. All Special-Lite anodized finishes are architectural grade, class 1 (0.7 mil or greater) for durability. We offer a variety of textures, patterns, and surface performance in both FRP (fiberglass) and aluminum face sheets.



SL-15 Monumental - mid-panel with recessed pull



SL-20 FRP Flush Door - curved cove molding



SL-18 Wood Grain Colonial Door

Typical Exterior Door - recessed panel, internal muntins

*SL-17 has SpecLite 3<sup>®</sup> FRP, available ONLY from Special-Lite! More resistance to whatever students can subject it to.*

## Custom options

We offer a number of custom features that can improve the functionality of your doors, as well as enhance your entrance design.



SL-16 Aluminum Flush Door - EPDM Vision Lites



SL-16 Aluminum Flush Door - angled vision lites and framing



SL-15 Monumental Door - oversized



### Laser Cut Mid-Panel

A custom mid-panel can be designed with a school logo or mascot for displaying school spirit.



### Bi-Fold Unit

For improved ventilation we can add bug-screened louvers or a screened bi-fold shuttered vision lite to allow fresh air in while keeping doors closed and locked. Think kitchens!

# Heavy-duty engineering right to the core



FRP/Aluminum Hybrid & Aluminum Flush Door



Monumental Door



Fiberglass Pultruded



Fiberglass Composite

All Special-Lite® Entrances are engineered with advanced construction features to **outlast** our competitors' (*look-alike*) doors and will **outperform** any hollow metal door.

**FRP/Aluminum Hybrid & Aluminum Flush Doors** - A time proven design of strength, longevity and low maintenance. These doors have a closed-cell, thermal performing, poured-in-place, waterproof polyurethane foam core which bonds all components together to provide incredible strength and thermal insulation. Face sheets are locked in place by integral reglets in the aluminum door perimeter without separate screw-applied capping. Within this family of doors is the SL-17 Pebble Grain Door, known to many in the industry as "The School Door" for its proven performance in the Education market.

**Monumental (Aluminum Stile & Rail) Doors** - The appearance of a storefront door, but the aluminum wall thickness and corner joinery of a heavy-duty, high performance door. We feature the same tie rod joinery (corner lifetime warranty) as our FRP/Aluminum Hybrid Doors, plus true mortise-and-tenon construction for superior durability. The SL-15 Monumental Door with a mid-panel is the most popular choice for main entrances where a glass door is desired. Perfect for high traffic and abusive locations.

**Pultruded Fiberglass Doors** - This door provides a smooth, high gloss door surface, that is beautiful, yet is strong enough for impact resistance. Constructed with a 6 lb./cubic foot closed-cell foam core, wrapped in 4 layers of glass fiber reinforcements, and resin encapsulated to 1/8" thickness at the door face. This fiberglass door is perfect for any entrance in a corrosive environment — think school kitchens, laboratories, clean rooms, as well as restrooms and locker rooms.

**Composite Fiberglass Doors** - All the benefits of a Fiberglass Pultruded Door, yet more versatility in size. These doors are made-to-order in desired size, color and FRP door skin texture (smooth, pebble grain, sandstone texture and wood grain). Made with pultruded FRP stile and rail construction, mitered, bracketed corners and factory bonded FRP face sheets for durability. A choice of three core materials is available (EPS, closed cell foam, and polypropylene honeycomb). This commercial grade fiberglass door provides all the benefits of a pultruded fiberglass door, but with face sheet options.

# Complete entry solutions

one source for all your entrance needs

## Framing

The frame is the foundation of any entrance. It must be capable of holding the components of the entrance system in position securely to keep doors and hardware operating properly without the need for constant adjustment and repair. Many entrance problems attributed to doors are actually frame problems. Choose from any of our aluminum or fiberglass frame options.

Our Aluminum Framing is available in heavy wall flush glazed or applied stop heavy-duty tube frame for entrances subject to heavy traffic or other environmental challenges. Custom manufacturing allows for curves or special shapes. If energy savings is on your agenda, our thermally broken frame has great thermal performance that matches or exceeds the performance of glass.

All Fiberglass Pultruded Framing has 65% glass content which provides excellent impact resistance, corrosion resistance, and strength. It is best suited for damp, chemical or abusive environments. Our All Fiberglass Framing is dimensionally equivalent to hollow metal products, but offers improved aesthetics, performance, durability and longevity that hollow metal can't match.

## Renovate entrances with Special-Lite® Retrofit Framing

When replacing metal doors, you can save yourself the hassle of tearing out old metal frames by covering them in place with our capping system and insert frames. It's a fast, money-saving way to make a tired entrance look and perform like new. Or use our insert framing alone for an even more cost-effective solution.



Aluminum Framing



Thermally Broken Framing



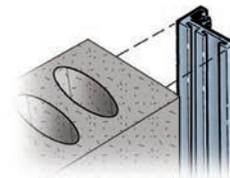
Fiberglass Framing



10-31 Insert Frame for butt hinges



10-32 Insert Frame for continuous gear hinge



10-34 Insert Frame for SL-11 HD

## Removable Mullions provide ease of moving large items

Your entrances can be specified with removable center posts or mullions to allow pianos, large equipment, even marching bands to pass through with ease.



SL-61 Removable Center Post

# Doors engineered with scalable safety and security options

*hurricane and storm, intrusion resistant, ballistic, blast and fire-rated doors*

## Protect with relevant levels of security and safety

Order the Special-Lite® Fiberglass Door, FRP/Aluminum Hybrid Door, or Monumental Door of your choice engineered and independently tested to meet standardized testing or certification.



SL-17 FRP Flush Door

## Storm or Hurricane



ASTM E283  
ASTM E331  
AAMA 1304  
TAS 201, 202, 203  
ASTM 1886  
ASTM 1996

## Blast



ASTM F2927-12  
ASTM F1642-04  
GSA-TS01-2003

## Ballistic



ANSI UL-752, Level 3  
NIJ-STD-0108.01, Level 3A

## Intrusion Resistance



With today's security challenges both in K-12 and Higher Education, performance glazing can be added as an option to any of our doors or vestibules that require extra protection. The Vision Lite kit, FL-SecureLite, has been engineered for intrusion resistance. Kits are thru-bolted to the door, but have a "snap... cover for aesthetic appeal. Special-Lite partners with intrusion resistant glazing (polycarbonate and glass) manufacturers for the most effective design.

## Fire-Rated Doors



For interior applications that require a fire rating, we offer fiberglass/stainless steel clad or all fiberglass fire-rated doors with ratings of 20, 30, 45, 60 or 90 minutes. Most Special-Lite door models have a fire rated door available that allows for a consistent design look on your building.

# Easy solutions

## Simple options to add security

When the location of your entrance mandates that a little extra security may be needed, consider adding one or more of these Special-Lite standard options:

### Internal Proximity Card Reader Prep

Many Special-Lite Doors can be prepped for field installation of low-profile proximity card readers inside the door. Internal mounting keeps the reader out of sight, out of the weather, and out of the reach of vandals, improving security and protecting the card reader unit.

### Security Grates and Vandal Screens

Security grates and vandal screens can provide additional security for doors that are subjected to abuse or vandalism. Our security grate can be used over vision lites, bi-fold units, louvers, or other areas where a high level of protection is required. Vandal screens provide moderate security while allowing excellent visibility.

### Security Window

Add a vision lite peep door to allow staff to confirm the identity of visitors at the door before opening it, without allowing a continuous view inside the building.

## Adjustable Bottom Brush

To compensate for out-of-level or out-of-position final floors, as well as normal settling of older buildings, SpecialLite offers a concealed Adjustable Bottom Brush unit that can be adjusted as required at the time of door installation to provide the best fit.



Adjustable Bottom Brush



Proximity Reader Prep



Security Grate



Vandal Screen



Security Window

## Interior spaces that maximize natural light

### An open environment that enhances learning

Create an open environment with aesthetically pleasing and stress-reducing natural light for your staff and students.

Whether you choose our Omega (Type 2 framing) or our LiteSpace (glass demountable wall framing), your glass walls and office fronts will be clean, elegant spaces. Our SLI Doors (interior aluminum framed doors) are designed for installation in both framing systems and can swing or slide.

Glass walls have many options for accessories, including glass erase boards.



SLI Door



# Restrooms and showers

*that hold up to damp and abusive environments*

## Restroom Partitions

SpecialLite® Restroom Partitions are the ideal choice for restrooms that are expected to endure heavy use and frequent abuse—such as K-12 schools, universities, dormitories and stadiums. Custom fabricated for each order using the same materials and processes as the Special-Lite® FRP/Aluminum Hybrid Door, they're remarkably durable and can withstand mistreatment and willful abuse.

Special-Lite restroom stall doors provide for the use of both an innovative continuous gravity hinge and continuous door-stop. This combined with the use of a full-length corner and wall bracket provides structural integrity and a "peek proof," no sightline compartment.



Fiberglass Restroom Partitions

## Shower & Bathroom Doors

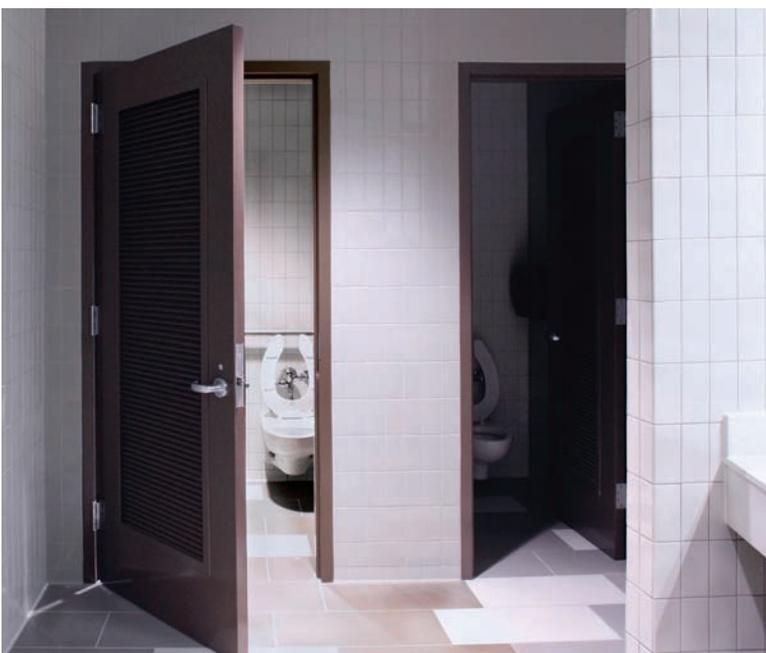
For challenging environments such as locker rooms, pools and rest rooms, Special-Lite offers several choices.

The FRP/Aluminum Hybrid Door can be specified in a wide range of sizes (full door or half). The doors have closed top and bottom rails with foam filled stiles and rails.

The All Fiberglass Pultruded Door is a heavy-duty completely sealed FRP Door. These doors are 1-3/4" thick, hermetically sealed and immune to moisture and corrosive gasses or liquids, making them an excellent choice around pools, locker rooms and bathrooms.



SL-17 FRP Flush Door



AF-100 Pultruded Fiberglass Flush Door

# Sustainable solutions

*with thermally efficient framing and doors*



## The proof is in the testimonial

A project involving the replacement of exterior doors with Special-Lite® FRP Doors resulted in a Wisconsin High School gaining excellent thermal benefits. On a cold December morning one boiler was running, where before there would have been four running.

*According to the facility person, "I can tell by the temperature in the hallways, and teachers are saying that they are warmer. I'm turning down the temperature in their rooms. It is amazing."*

The Director of Operations and Facilities attributes these changes to the replacement of the exterior doors with Special-Lite SL-17 FRP Doors.

## Improve indoor air quality with Special-Lite Doors

By definition, one side of every exterior entrance is inside the building, so the entrance products specified play a role in determining indoor air quality (IAQ). Special-Lite's full line of exterior entrance products\* are the first to be GREENGUARD Indoor Air Quality Certified®, including the stringent GREENGUARD Standard for Children & Schools.™ GREENGUARD Certification is your independent assurance of IAQ performance.



\*Excludes fire-rated doors.  
The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.

## Go green

The importance of thermal efficiency to green building cannot be overstated. Improved energy efficiency is the top driver behind sustainable designs across all industries. The improvement of heating and cooling efficiency is the single most important attribute of the LEED standard, with efficiency requirements being raised with each subsequent version of the standard. It is also the metric with the most obvious return on investment.

Although only a small portion of a structure's surface area, exterior doors and frames are a functional part of the building envelope and can play an important role in the overall energy efficiency of a building. Many of our entrance products are tested per ASHRAE\* test methods and their performance meets or exceeds the acceptable performance ratings.

\*ASHRAE is accredited by the American National Standards Institute (ANSI) and follows ANSI's requirement for due process and standard development.

**Contact your sales representative or Special-Lite for more information.**



## Special-Lite, Inc.

P.O. Box 6, Decatur, MI 49045  
Ph: 800.821.6531 • Fx: 800.423.7610 • [speciallite.com](http://speciallite.com)

Item #1102-R4  
5M 8/17 RRP



# Architectural Solutions *for educational facilities*

Exterior & Interior Doors and Frames | Restroom Partitions

Exterior Doors -  
Model SL-17  
matching existing  
profile and color



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SL-17 FRP Flush Door

**specified door - elevation  
to match existing**

### SL-17 Speclite3 Doors®

*"I have 700 to 800 kids going through those doors daily. Junior high and high school kids think nothing of kicking doors open and slamming doors out hard. When no one else is around, they use pocket knives and paper clips to carve their initials in the door panels. They spray paint them, too. But since we started replacing the old doors with Special-Lite, we have taken their 'fun' away."*

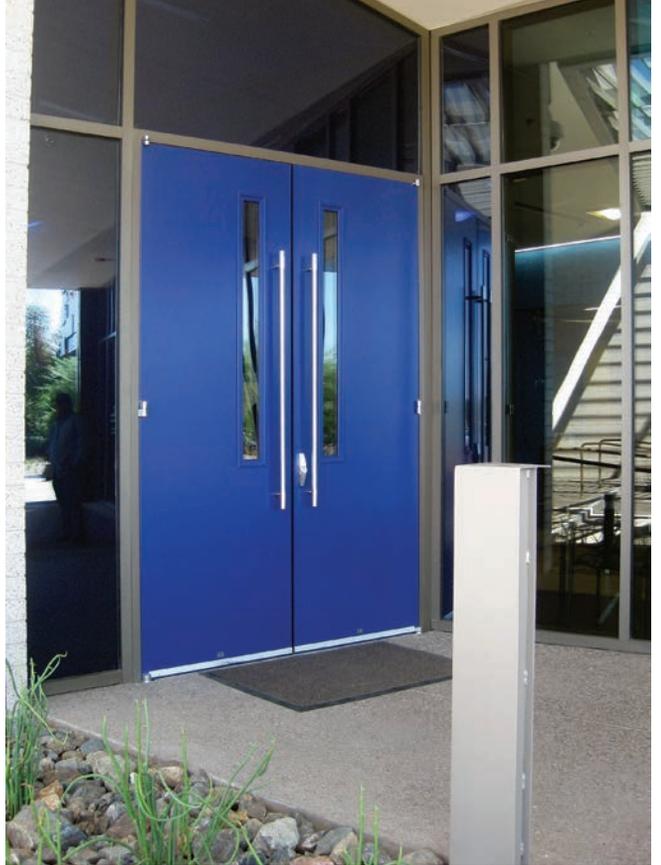
Director of Maintenance in a central Oklahoma school district



SL-18 Wood Grain Colonial Door

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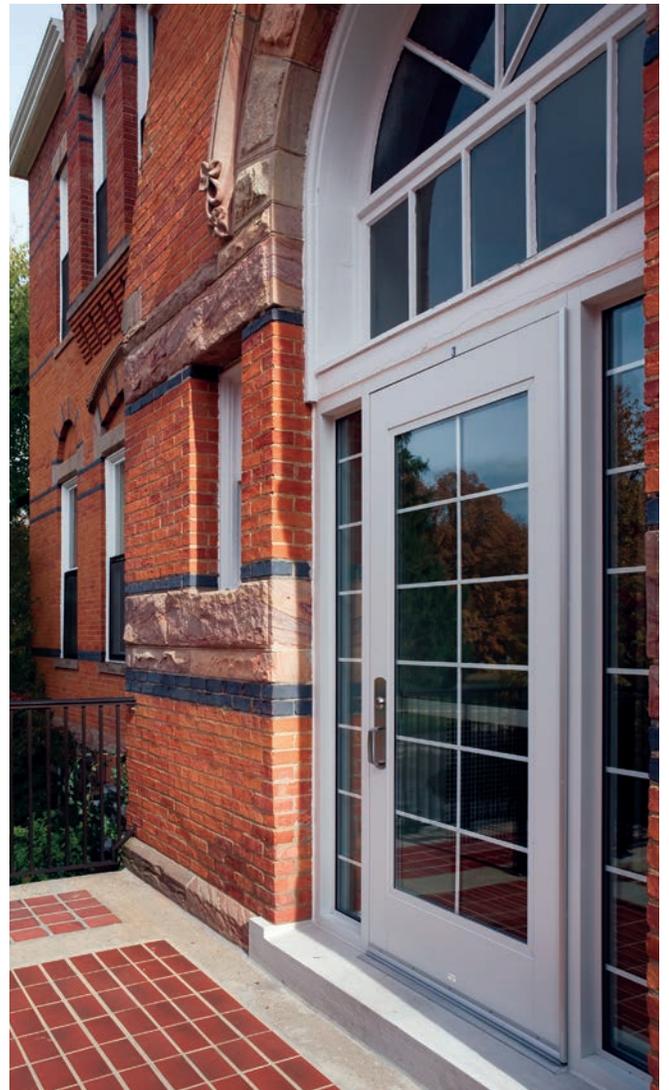


SL-19 Wood Grain Flush Door



AF-100 Pultruded Fiberglass Door  
*- pool environment*

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SL-15 Monumental Door - *internal muntins*

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SL-15 Monumental - mid-panel with recessed pull



SL-20 FRP Flush Door - curved cove molding



SL-18 Wood Grain Colonial Door

Typical Exterior Door - recessed panel, internal muntins

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SL-16 Aluminum Flush Door - EPDM Vision Lites



SL-16 Aluminum Flush Door - angled vision lites and framing



SL-15 Monumental Door - oversized



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Monumental Door



Fiberglass Pultruded



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**Pultruded Fiberglass Doors** - This door provides a smooth, high gloss door surface, that is beautiful, yet is strong enough for impact resistance. Constructed with a 6 lb./cubic foot closed-cell foam core, wrapped in 4 layers of glass fiber reinforcements, and resin encapsulated to 1/8" thickness at the door face. This fiberglass door is perfect for any entrance in a corrosive environment — think school kitchens, laboratories, clean rooms, as well as restrooms and locker rooms.

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# Complete entry solutions

one source for all your entrance needs

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Aluminum Framing



Thermally Broken Framing



Fiberglass Framing

## Removable Mullions provide ease of moving large items

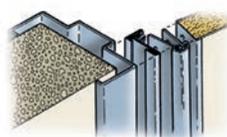
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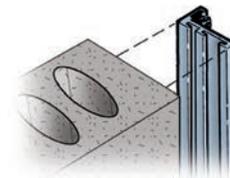
SL-61 Removable Center Post



10-31 Insert Frame for butt hinges



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10-34 Insert Frame for SL-11 HD

# Doors engineered with scalable safety and security options

*hurricane and storm, intrusion resistant, ballistic, blast and fire-rated doors*

## Protect with relevant levels of security and safety

Order the Special-Lite® Fiberglass Door, FRP/Aluminum Hybrid Door, or Monumental Door of your choice engineered and independently tested to meet standardized testing or certification.



SL-17 FRP Flush Door

## Storm or Hurricane



ASTM E283  
ASTM E331  
AAMA 1304  
TAS 201, 202, 203  
ASTM 1886  
ASTM 1996

## Blast

ASTM F2927-12  
ASTM F1642-04  
GSA-TS01-2003



## Ballistic

ANSI UL-752, Level 3  
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## Intrusion Resistance

With today's security challenges both in K-12 and Higher Education, performance glazing can be added as an option to any of our doors or vestibules that require extra protection. The Vision Lite kit, FL-SecureLite, has been engineered for intrusion resistance. Kits are thru-bolted to the door, but have a "snap... cover for aesthetic appeal. Special-Lite partners with intrusion resistant glazing (polycarbonate and glass) manufacturers for the most effective design.



## Fire-Rated Doors



For interior applications that require a fire rating, we offer fiberglass/stainless steel clad or all fiberglass fire-rated doors with ratings of 20, 30, 45, 60 or 90 minutes. Most Special-Lite door models have a fire rated door available that allows for a consistent design look on your building.

# Easy solutions

## Simple options to add security

When the location of your entrance mandates that a little extra security may be needed, consider adding one or more of these Special-Lite standard options:

### Internal Proximity Card Reader Prep

Many Special-Lite Doors can be prepped for field installation of low-profile proximity card readers inside the door. Internal mounting keeps the reader out of sight, out of the weather, and out of the reach of vandals, improving security and protecting the card reader unit.

### Security Grates and Vandal Screens

Security grates and vandal screens can provide additional security for doors that are subjected to abuse or vandalism. Our security grate can be used over vision lites, bi-fold units, louvers, or other areas where a high level of protection is required. Vandal screens provide moderate security while allowing excellent visibility.

### Security Window

Add a vision lite peep door to allow staff to confirm the identity of visitors at the door before opening it, without allowing a continuous view inside the building.

## Adjustable Bottom Brush

To compensate for out-of-level or out-of-position final floors, as well as normal settling of older buildings, SpecialLite offers a concealed Adjustable Bottom Brush unit that can be adjusted as required at the time of door installation to provide the best fit.



Adjustable Bottom Brush



Proximity Reader Prep



Security Grate



Vandal Screen



Security Window

## Interior spaces that maximize natural light

### An open environment that enhances learning

Create an open environment with aesthetically pleasing and stress-reducing natural light for your staff and students.

Whether you choose our Omega (Type 2 framing) or our LiteSpace (glass demountable wall framing), your glass walls and office fronts will be clean, elegant spaces. Our SLI Doors (interior aluminum framed doors) are designed for installation in both framing systems and can swing or slide.

Glass walls have many options for accessories, including glass erase boards.



SLI Door



# Restrooms and showers

*that hold up to damp and abusive environments*

## Restroom Partitions

SpecialLite® Restroom Partitions are the ideal choice for restrooms that are expected to endure heavy use and frequent abuse—such as K-12 schools, universities, dormitories and stadiums. Custom fabricated for each order using the same materials and processes as the Special-Lite® FRP/Aluminum Hybrid Door, they're remarkably durable and can withstand mistreatment and willful abuse.

Special-Lite restroom stall doors provide for the use of both an innovative continuous gravity hinge and continuous door-stop. This combined with the use of a full-length corner and wall bracket provides structural integrity and a "peek proof," no sightline compartment.



Fiberglass Restroom Partitions

## Shower & Bathroom Doors

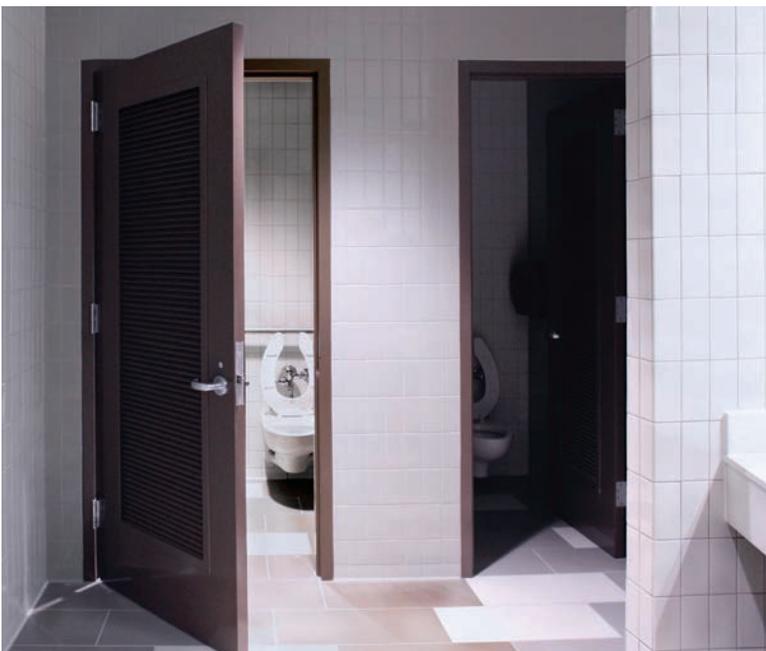
For challenging environments such as locker rooms, pools and rest rooms, Special-Lite offers several choices.

The FRP/Aluminum Hybrid Door can be specified in a wide range of sizes (full door or half). The doors have closed top and bottom rails with foam filled stiles and rails.

The All Fiberglass Pultruded Door is a heavy-duty completely sealed FRP Door. These doors are 1-3/4" thick, hermetically sealed and immune to moisture and corrosive gasses or liquids, making them an excellent choice around pools, locker rooms and bathrooms.



SL-17 FRP Flush Door



AF-100 Pultruded Fiberglass Flush Door

# Sustainable solutions

*with thermally efficient framing and doors*



## The proof is in the testimonial

A project involving the replacement of exterior doors with Special-Lite® FRP Doors resulted in a Wisconsin High School gaining excellent thermal benefits. On a cold December morning one boiler was running, where before there would have been four running.

*According to the facility person, "I can tell by the temperature in the hallways, and teachers are saying that they are warmer. I'm turning down the temperature in their rooms. It is amazing."*

The Director of Operations and Facilities attributes these changes to the replacement of the exterior doors with Special-Lite SL-17 FRP Doors.

## Improve indoor air quality with Special-Lite Doors

By definition, one side of every exterior entrance is inside the building, so the entrance products specified play a role in determining indoor air quality (IAQ). Special-Lite's full line of exterior entrance products\* are the first to be GREENGUARD Indoor Air Quality Certified®, including the stringent GREENGUARD Standard for Children & Schools.™ GREENGUARD Certification is your independent assurance of IAQ performance.



\*Excludes fire-rated doors.  
The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.

## Go green

The importance of thermal efficiency to green building cannot be overstated. Improved energy efficiency is the top driver behind sustainable designs across all industries. The improvement of heating and cooling efficiency is the single most important attribute of the LEED standard, with efficiency requirements being raised with each subsequent version of the standard. It is also the metric with the most obvious return on investment.

Although only a small portion of a structure's surface area, exterior doors and frames are a functional part of the building envelope and can play an important role in the overall energy efficiency of a building. Many of our entrance products are tested per ASHRAE\* test methods and their performance meets or exceeds the acceptable performance ratings.

\*ASHRAE is accredited by the American National Standards Institute (ANSI) and follows ANSI's requirement for due process and standard development.

**Contact your sales representative or Special-Lite for more information.**



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5M 8/17 RRP