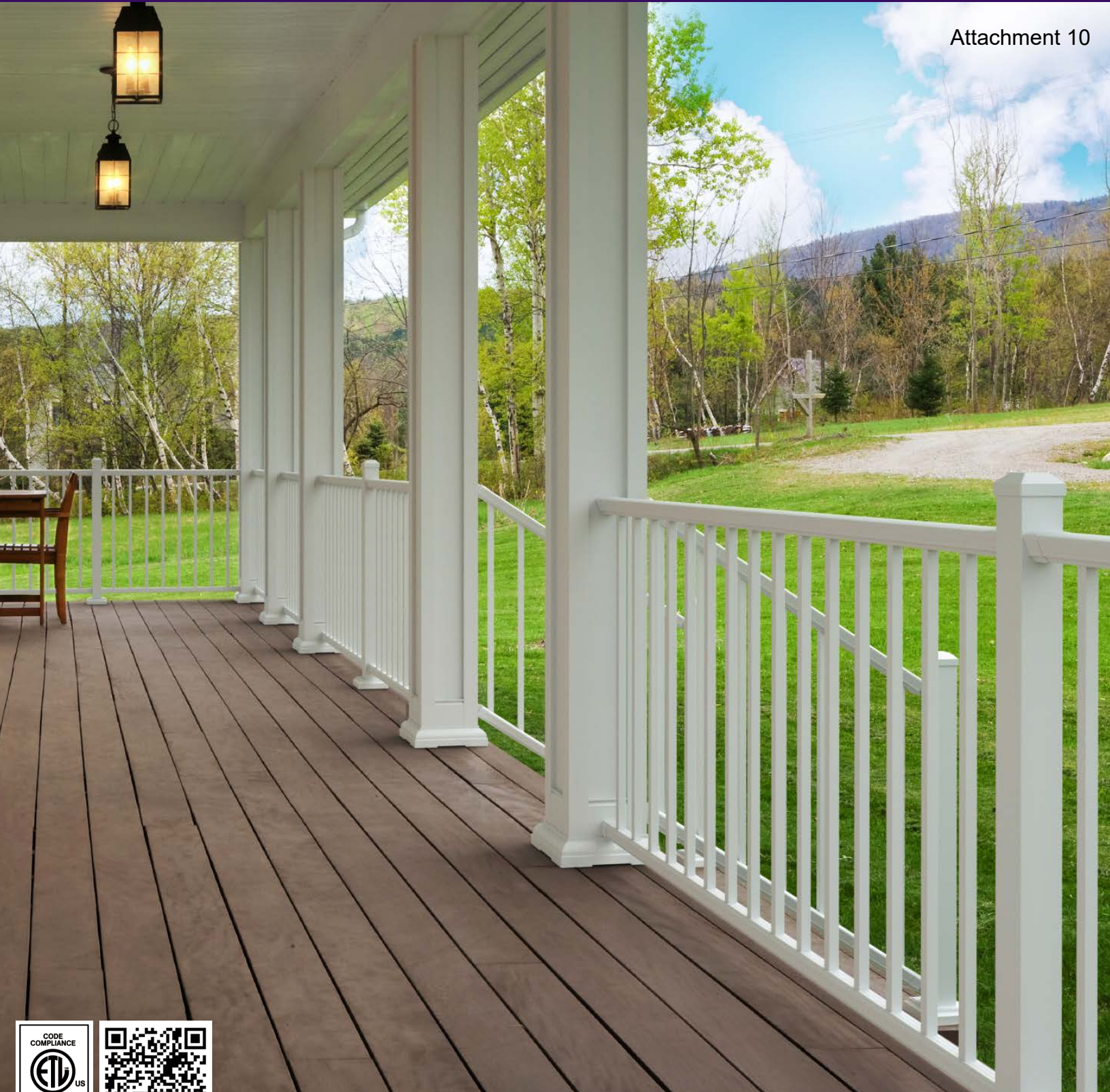


ULTRAMAX
ALUMINUM RAILING SYSTEMS

A safe, low-maintenance
Ultra lifestyle now comes in a kit

Ultra Max® Ready-to-Build Railing Systems

Attachment 10



CCRR Code Approved #0278

Ultra Max® Railing in 2-rail
configuration in Textured Khaki



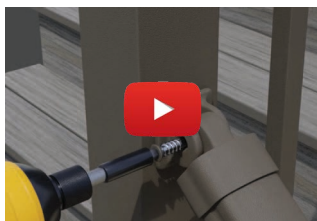
YouTube INSTALLATION VIDEOS

Subscribe to our YouTube Channel and check out our installation videos
at www.youtube.com/channel/UCrbawEKcb24neS8UyXj5nfg

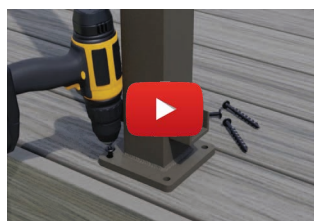
Level Railing Kits



Stair Kits



Post Kits



XacTemplate™



Our easy-to-build railing kits provide safety and high quality at a more reasonable price.



The Intertek Evaluation Process Mark means that Ultra Max™ railing components are tested and conform to IRC-IBC building codes. It also ensures the ongoing verification of compliance—with quarterly reviews and inspections.

Ultra Max® Railing is the perfect addition to your porches, decks or walkways.

Ultra Max® offers an elegant handrail profile, with a classic baluster configuration, and four different textured colors. They all come together to form a custom look and feel that will work well with your home and landscaping design.

Ultra Max® Railing in 2-rail configuration in two-toned Textured Khaki Posts and Rails with Textured Bronze balusters

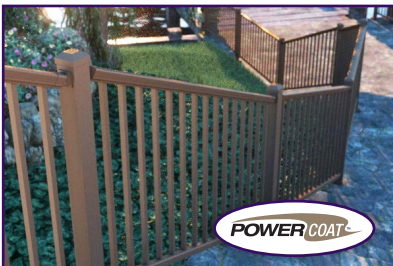


ULTRAmx[®]

ALUMINUM RAILING SYSTEMS

Simple

Simple installation is the key design element to the new Ultra Max[®] Railing Systems. Our XacTemplate[™] Installation Guide locates bracket placement quickly on every post. Simply screw brackets into place and drop your railing into the brackets.



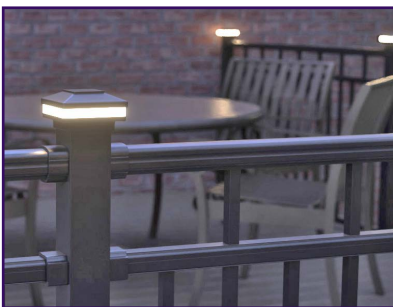
Durable

Our exclusive Powercoat[™] finish is twice the thickness and hardness of a typical baked enamel finish, and is guaranteed for life against cracking, peeling or chipping. It meets AAMA 2604 standards for the ultimate in durability and UV protection.



Versatile

A variety of customization options are available to create a deck that's truly unique including Deck-Over-Rail for a convenient drink ledge. Mix and match colors and a variety of balusters for a personalized design. Column wraps are also offered to easily attach around wood porch posts or understructure to complement the look of your railing project.



Illumination

Firefly[™] Illumination by Ultra Aluminum[™] will add ambiance and provide additional hours of outdoor living. This easy to install system runs post to post and in-rail lights connect to each other in a "Daisy Chain". Firefly offers a variety of low voltage illumination options that will light up a dark porch or deck.



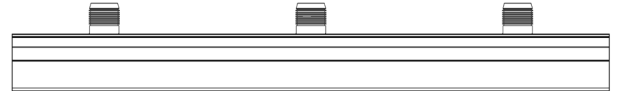
Strong

Our U-X-TRUSION from Ultrum[™] 6005-T5 alloy tests at a minimum ultimate strength of 35,000 psi. High-strength aluminum lasts longer and wears better than wood. Aluminum saves time and money on costly maintenance. Tested by Intertek.

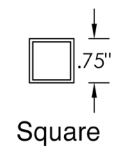


Fast-Track 2-Piece Bracket and Baluster Installation

Ease of installation, combined with the strength of our aluminum construction, are the key features in the new Ultra Max® Railing Systems. The Ultra Max® Connector System allows for quick installation of balusters without any screws or spacers. It guides balusters in place and eliminates rattling noise.



Ultra Max® Connector System



Square



37" and 43" Square Baluster 2-Rail Level Railing Kits

All railing kits feature the Adams Profile and include:

Top and Bottom Rails, Balusters, Brackets and Fasteners

4 ft. kit sections are 48.25" wide (with 10 balusters); 6 ft. kit sections are 70.5" wide (with 15 balusters); 8 ft. kits are 97.25" wide (with 21 balusters), with brackets and 2" sweep

A Third Rail Kit (UAR-200 3R) is available by special order.

37" Square Baluster 2-Rail Railing Kits

MODEL NUMBER

UMX-A200__ -3648-2RLS

UMX-A200__ -3672-2RLS

UMX-A200__ -3696-2RLS

DESCRIPTION

36" x 48" - 2 Rail Level Square Kit

36" x 72" - 2 Rail Level Square Kit

36" x 96" - 2 Rail Level Square Kit

43" Square Baluster 2-Rail Railing Kits

MODEL NUMBER

UMX-A200__ -4248-2RLS

UMX-A200__ -4272-2RLS

UMX-A200__ -4296-2RLS

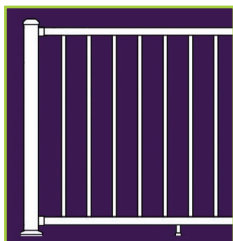
DESCRIPTION

42" x 48" - 2 Rail Level Square Kit

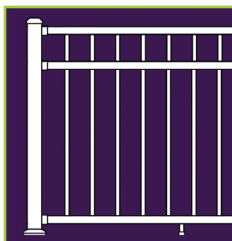
42" x 72" - 2 Rail Level Square Kit

42" x 96" - 2 Rail Level Square Kit

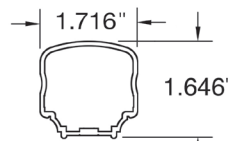
Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW



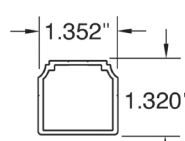
UMX-200 2R Two Rail



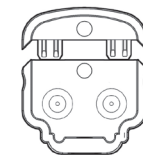
UMX-200 3R Three Rail



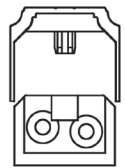
Top Rail



Bottom Rail



Top Bracket



Bottom Bracket

Bracket Kits Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW

MODEL NUMBER

UMX-KAL-2P111-__

UAR-KAV-111S-__

UAR-KAH-111H-__

UAR-FBK01-__

UMX-IGT-ATB

DESCRIPTION

Level Bracket Pack

Stair Vertical Rail End Pack

Horizontal Rail End Pack

Footblock Kit

Install Guide Template Kit

ADDITIONAL

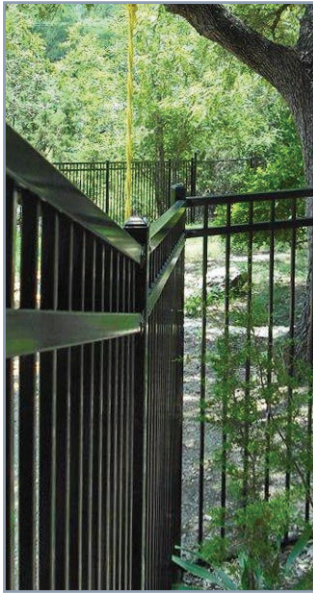
4 brackets w/screws & foot-block

4 brackets w/screws

4 brackets w/screws

3/4" baluster 2" with screws & shoe

One T-30 Bit



3-Rail Add-On Kits

To create a 3-Rail configuration for Level Railing, order the Level Mid Rail Kits below

MODEL NUMBER	DESCRIPTION
UMX-B1048LKIT-__-1RLS	48" Mid Rail Kit (2 pc) w/ 2 Universal Bottom Brackets & Screws
UMX-B1070LKIT-__-1RLS	72" Mid Rail Kit (2 pc) w/ 2 Universal Bottom Brackets & Screws
UMX-B1097LKIT-__-1RLS	96" Mid Rail Kit (2 pc) w/ 2 Universal Bottom Brackets & Screws

To create a 3-Rail configuration for Horizontal Railing, order the Horizontal Mid Rail Kits below

MODEL NUMBER	DESCRIPTION
UMX-B1048HKIT-__-1RLS	48" Mid Rail Kit (2 pc) w/ 2 Horizontal Bottom Brackets & Screws
UMX-B1070HKIT-__-1RLS	72" Mid Rail Kit (2 pc) w/ 2 Horizontal Bottom Brackets & Screws
UMX-B1097HKIT-__-1RLS	96" Mid Rail Kit (2 pc) w/ 2 Horizontal Bottom Brackets & Screws

To create a 3-Rail configuration for Stairs, order the Stair Mid Rail Kits below

MODEL NUMBER	DESCRIPTION
UMX-B1070VKIT-__-1RLS	72" Mid Rail Kit (2 pc) w/ 2 Vertical Bottom Brackets & Screws
UMX-B1097VKIT-__-1RLS	96" Mid Rail Kit (2 pc) w/ 2 Vertical Bottom Brackets & Screws



37" and 43" Square Baluster 2-Rail Stair Kits

All railing kits feature the Adams Profile and include:

Top and Bottom Rails, Balusters, Stair Hinges and Fasteners which allows adjustments to follow practically any stair angle.

6 ft. kit sections are 70.5" wide; 8 ft. kits are 97.25" wide

A Mid-Rail Kit (UAR-200 3R) is available by special order.

37" Square Baluster 2-Rail Railing Kits

MODEL NUMBER	DESCRIPTION
UMXFS-A200__-3672-2RLS	36" x 72" - 2 Rail Stair Square Kit
UMXFS-A200__-3696-2RLS	36" x 96" - 2 Rail Stair Square Kit

43" Square Baluster 2-Rail Railing Kits

MODEL NUMBER	DESCRIPTION
UMXFS-A200__-4272-2RLS	42" x 72" - 2 Rail Stair Square Kit
UMXFS-A200__-4296-2RLS	42" x 96" - 2 Rail Stair Square Kit

Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW



Top Rail



Bottom Rail

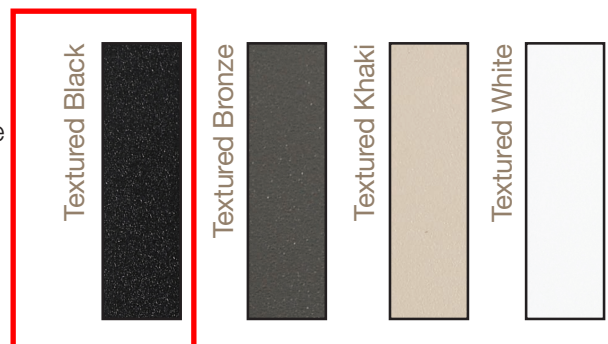
Colors

Ultra Max® Railing, Gates and Accessories are available in four classic textured finish colors. They are all applied with an exclusive Ultra Powercoat™ finish to resist harsh weather and the sun.

Colors shown represent an approximate comparison and may vary slightly from actual product color.

Enter Color Code when ordering:

Black: TB / Bronze: TZ / Khaki: TK / White: TW



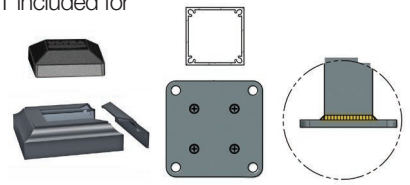


2.5" Residential Post Kit

Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW

Includes: cap, post, .375" flange, flange cover, and 2 wedges. Fastening hardware NOT included for wood or concrete applications.

MODEL NUMBER	DESCRIPTION	ADDITIONAL
UMXP-25100-38-__	Post 2.5" x 2.5" x 38"	With mount & flange cover
UMXP-25100-44-__	Post 2.5" x 2.5" x 44"	With mount & flange cover
UMXP-25100-54-__	Post 2.5" x 2.5" x 54"	With mount & flange cover



.375" Flange

2.5" Blank Post

Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW

MODEL NUMBER	DESCRIPTION	ADDITIONAL
FB-25-100-X-48-__	Post 2.5" x 2.5" x .100 x 48"	With cap only
FB-25-100-X-72-__	Post 2.5" x 2.5" x .100 x 72"	With cap only

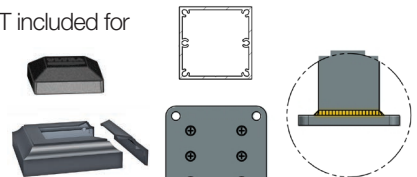


3" Commercial Post Kit

Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW

Includes: cap, post, .500" flange, flange cover, and 2 wedges. Fastening hardware NOT included for wood or concrete applications.

MODEL NUMBER	DESCRIPTION	ADDITIONAL
UMXP-C6-30125-38-__	Post 3" x 3" x 38"	With mount & flange cover
UMXP-C6-30125-44-__	Post 3" x 3" x 44"	With mount & flange cover
UMXP-C6-30125-54-__	Post 3" x 3" x 54"	With mount & flange cover



.500" Flange



4" Post Sleeve **Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW**

Cap and Skirt sold separately.

MODEL NUMBER	DESCRIPTION
UMXP-40125-38-__	Post Sleeve 4" x 4" x 38"
UMXP-40125-44-__	Post Sleeve 4" x 4" x 44"
UMXP-40125-54-__	Post Sleeve 4" x 4" x 54"



Caps, Flange Covers and Accessories

Enter Color Code when ordering: Black: TB / Bronze: TZ / Khaki: TK / White: TW

MODEL NUMBER	DESCRIPTION	ADDITIONAL
HCP-20-__	2" Cap	1 each
HWC-420-__	2" Flange Cover (skirt)	1 each
HCP-25-__	2.5" Cap	1 each
HWC-525-__	2.5" Flange Cover (skirt)	1 each
HCP-30-__	3" Cap	1 each
HWC-530-__	3" Flange Cover (skirt)	1 each
HCP-40-__	4" Cap	1 each
HWC-400-__	4" Flange Cover (skirt)	1 each
UAR-25-WDG	Wedge Shim for Post	25 pack
UAR-300-WDG	Wedge Shim for Post	300 per case



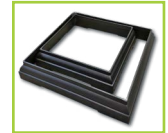
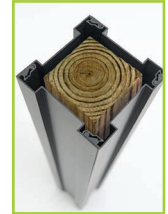


Column Wrap Enter Color Code when ordering:

Black: TB / Bronze: TZ / Khaki: TK / White: TW

Fastening Hardware NOT included. Use a 6" Wrap for 4x4 wood posts and an 8" Wrap for 6x6 wood posts.

MODEL NUMBER	DESCRIPTION	ADDITIONAL
UARCW-66100-96-__	Column Wrap 6" x 6" x 96"	4 pieces
UARCW-66100-120-__	Column Wrap 6" x 6" x 120"	4 pieces
UARCW-66100-144-__	Column Wrap 6" x 6" x 144"	4 pieces
UARCW-88100-96-__	Column Wrap 8" x 8" x 96"	4 pieces
UARCW-88100-120-__	Column Wrap 8" x 8" x 120"	4 pieces
UARCW-88100-144-__	Column Wrap 8" x 8" x 144"	4 pieces



Newel Kits Enter Color Code when ordering

Fastening Hardware NOT included.

MODEL NUMBER	DESCRIPTION	ADDITIONAL
UARN-66100-40-__	Newel Post 6" x 6" x 40"	With Cap, Base and 8 Inserts
UARN-66100-46-__	Newel Post 6" x 6" x 46"	With Cap, Base and 8 Inserts



Column Accessories Enter Color Code when ordering

MODEL NUMBER	DESCRIPTION	ADDITIONAL
CO-8020-550-__	6" Pyramid	1 piece
CO-8030-550-__	6" Classic Newel Cap	2 pieces
CO-8040-__	6" Column Base/Skirt	1 piece
CO-8080-__	8" Column Base/Skirt	1 piece
UARCW-9441-03-__	3" Column Wrap Raised Panel Look	8 pieces
UARCW-9441-04-__	4" Column Wrap Raised Panel Look	8 pieces



Fastening Hardware for Substructure NOT included

Newel Kits - .080" Wall Thickness (Installed Over Wood) Enter Color Code when ordering:

Black: TB / Bronze: TZ / Khaki: TK / White: TW

MODEL NUMBER	DESCRIPTION
UARN-66100-40-__	Newel Post 6" x 6" x 40" with Cap, Base and 8 Column Lok Inserts
UARN-66100-46-__	Newel Post 6" x 6" x 46" with Cap, Base and 8 Column Lok Inserts

Fastening Hardware NOT included. 3" Column Loks set of 8 Included in NEWEL KIT, create a raised panel. 6" Skirts/Bases are 1 piece.



Fastening Hardware for Substructure NOT included

Newel Kits - Surface Flange Mounted

Enter Color Code when ordering:

Black: TB / Bronze: TZ / Khaki: TK / White: TW

MODEL NUMBER	DESCRIPTION
UARN-66100WKIT-40-__	Newel Post Kit w/Welded Flange .375, 6" x 6" x 40" with Cap, Base and 8 Column Lok Inserts
UARN-66100WKIT-46-__	Newel Post Kit w/Welded Flange .375, 6" x 6" x 46" with Cap, Base and 8 Column Lok Inserts

Fastening Hardware NOT included. 3" Column Loks set of 8 Included in NEWEL KIT, create a raised panel. 6" Skirts/Bases are 1 Piece.



SNAP-CLAD PANEL

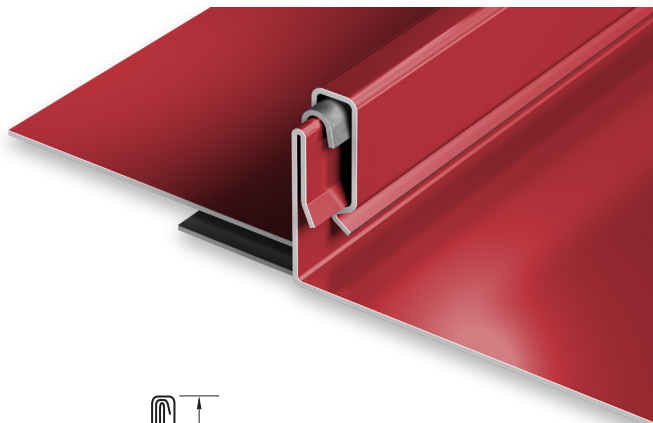
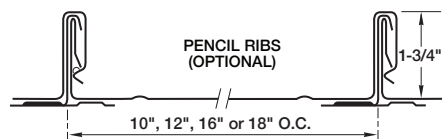
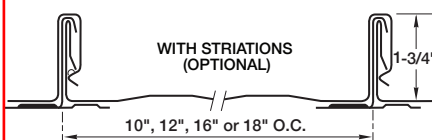
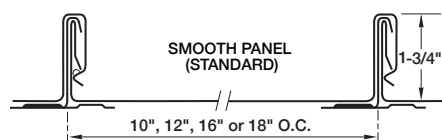
MATERIALS

.032 aluminum	24 gauge steel
.040 aluminum	22 gauge steel

SPECS

10", 12", 16" or 18" O.C. 1-3/4" High

UL-90



PRODUCT FEATURES

- ▶ Architectural/structural panel
- ▶ Factory-applied sealant available
- ▶ Continuous interlock
- ▶ Labor-saving one-piece design
- ▶ Pencil ribs upon request
- ▶ Striations upon request
- ▶ Factory eave notching available
- ▶ 35-year non-prorated finish warranty
- ▶ Maximum factory-produced panel length is 64' (check w/factory for longer lengths)
- ▶ Weathertightness warranty available

- ▶ 48 stocked colors (24 gauge steel)
- ▶ 17 Stocked colors (22 gauge steel)
- ▶ 34 stocked colors (.032 aluminum)
- ▶ 26 stocked colors (.040 aluminum)
- ▶ Panels available in Galvalume Plus

UL CLASSIFICATION

- ▶ UL-580 Class 90 wind uplift
- ▶ UL-1897 wind uplift
- ▶ UL-790 Class A fire rated
- ▶ UL-263 fire resistance rated
- ▶ UL-2218 impact resistance rated

- ▶ UL-90 rated aluminum panel up to 16" O.C.
- ▶ UL-90 rated steel panel up to 18" O.C.

ASTM TESTS

- ▶ ASTM E1592 tested
- ▶ ASTM E283/1680 tested
- ▶ ASTM E331/1646 tested

FLORIDA BUILDING & MIAMI-DADE PRODUCT APPROVALS

Please refer to pac-clad.com or your local factory for specific product approval numbers for Snap-Clad.

Note: UL 90 is available on steel panels up to 18" on center, and on aluminum panels up to 16" on center.

SECTIONAL STEEL **DOOR** SYSTEMS



PRODUCT LINE

NON-INSULATED DOORS

INSULATED DOORS

MODELS

416/420/424/430

418/422/426/432



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS



General Features and Benefits

Solidly Constructed for Reliable Performance

- 16, 20, or 24-gauge steel door panels result in a solidly constructed door for years of dependable service
- Standard steel doors available in sizes up to 32'2" (9804 mm) in width and 24'1" (7341 mm) in height
- Insulated steel doors available in up to 32'2" (9804 mm) in width and 24'1" (7341 mm) in height
- Heavy-duty track and hardware are fabricated of high-quality galvanized steel and engineered for precise, trouble-free performance
- Flexible PVC bottom weatherseal with retainer lessens conductivity of heat and cold, minimizes air and water penetration and accommodates irregular floor conditions
- Option of insulated steel doors provides enhanced thermal efficiency and R-values* of 7.35 (1.29 K m²/W)
- Baked-on, polyester paint finish eliminates field painting and provides long-lasting protection against the elements
- Superior panel strength and well-engineered track design meets wind load requirements and codes

Specialized Options for Customized Solutions

- Full-section or individual-panel glazing satisfies requirements for external light and visitor identification
- Higher-cycle springs in optional 25k, 50k, 75k or 100k-cycles promote long-life in high-usage applications
- Optional steel strutting provides reinforcement for structural integrity on wider doors
- Other options include: electric and chain hoist operation, aluminum sash sections with choice of DSB, acrylic, polycarbonate, tempered, or wire glazing, as well as movable center posts, 3" (76 mm) track, jamb seals
- Impact bottom section available for doors exposed to damage from fork lifts and other warehouse traffic
- FBC approved wind load options available

* R-Value is a measure of thermal efficiency. The higher the R-Value the greater the insulating properties of the door. Overhead Door Corporation uses a calculated door curtain R-Value for our insulated doors.

Cover image: Model 418, Flush Panel, White finish, Aluminum Sash Section with DSB glazing

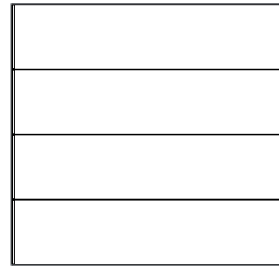
Image above: Model 424 Ribbed Panel, Industrial Brown baked-on polyester finish



Panel Options



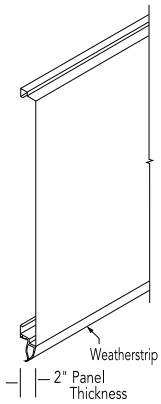
Ribbed Panel



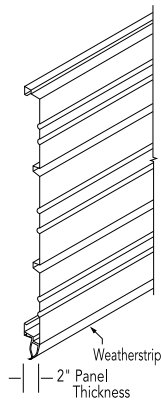
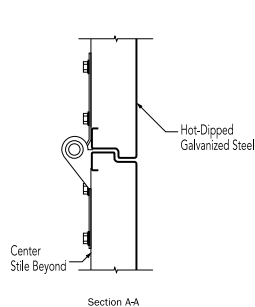
Flush Panel

Steel Door Panel Detail

Model 416

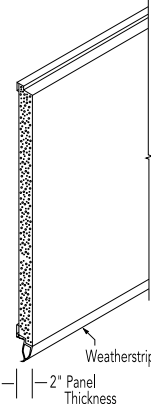


Models 420/424/430

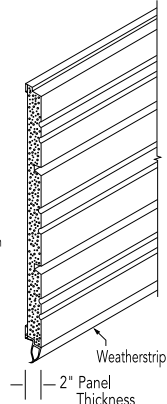
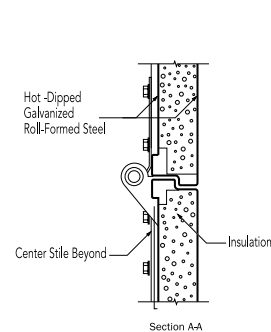


Insulated Steel Door Panel Detail

Model 418



Models 422/426/432



Glazing Options

All Models:



Aluminum Sash Section with DSB glazing

Available Only on 418, 422, 430, 432:



Insulated DSB (24" x 7")

Color Options

All Models:



White

Available Only on 424, 426, 430, 432:



Industrial Brown

Actual colors may vary from these shown due to fluctuations in the printing process. Ask your Overhead Door™ Distributor for color samples.



General Specifications for INSULATED SECTIONAL STEEL				
	Extra Heavy Duty	Heavy Duty		Medium Duty
Model	418	422	426	432
Nominal Thickness	2" (51 mm)	2" (51 mm)	2" (51 mm)	2" (51 mm)
Maximum Standard Width	30'2" (9195 mm)	29'2" (8890 mm)	28'2" (8585 mm)	20'2" (6147 mm)
Maximum Standard Height	21'1" (6426 mm)	24'1" (7341 mm)	24'1" (7341 mm)	16'1" (4902 mm)
Exterior Steel	16-gauge galvanized steel	20-gauge galvanized steel	24-gauge galvanized steel	Nominal 24-gauge galvanized steel
Back Cover	26-gauge galvanized steel	26-gauge galvanized steel	26-gauge galvanized steel	Polybonded laminate
Exterior Surface	Flush	Ribbed	Ribbed	Ribbed
Exterior Finish Color	White baked-on polyester	White baked-on polyester	Industrial Brown and White baked-on polyester	Industrial Brown and White baked-on polyester
R-Value*	7.35 (1.29 K m ² /W)	7.35 (1.29 K m ² /W)	7.35 (1.29 K m ² /W)	7.35 (1.29 K m ² /W)
End Stiles	16-gauge galvanized steel	16-gauge galvanized steel	16-gauge galvanized steel	16-gauge galvanized steel
Intermediate Stiles	16-gauge galvanized steel	16-gauge galvanized steel	16-gauge galvanized steel	16-gauge galvanized steel
Lock	Interior-mounted slide lock	Interior-mounted slide lock	Interior-mounted slide lock	Interior-mounted slide lock

Available Options for INSULATED SECTIONAL STEEL				
Electric Operator	•	•	•	•
Bottom Sensing Edge	•	•	•	•
Chain Hoist	•	•	•	•
Pull-Rope Auto Release	•	•	•	•
Full Sash Section (Glazing Options)				
1/8" (3mm) DSB	•	•	•	•
1/8" (3mm) Insulated	•	•	•	•
1/8" (3mm) & 1/4" (6mm) Acrylic	•	•	•	•
Individual Lites (Glazing Options)				
1/2" (13mm) Insulated DSB	•	•	•	•
3" (76 mm) Track	•	•	•	•
Bracket Mounting	•	•	•	•
Higher-Cycle Springs 25K, 50K, 75K and 100K	•	•	•	•
Exhaust Ports	•	•	•	•
Industrial Brown Paint Finish			•	•
5-Pin Tumbler Keyed Lock	•	•	•	•

*R-Value is a measure of thermal efficiency. The higher the R-Value the greater the insulating properties of the door. Overhead Door Corporation uses a calculated door section R-Value for our insulated doors.



MODEL 432

For medium-duty applications such as repair centers, vehicle storage and warehouses.

2021 10/14



Panel Schedule		Section Schedule	
Door Width	Number of Panels	Door Height	Number of Sections
8'0" to 10'2" (2438 mm to 3099 mm)	2	to 8'1" (2464 mm)	4
10'3" to 12'2" (3124 mm to 3708 mm)	3	8'2" to 10'1" (2489 mm to 3073 mm)	5
12'3" to 16'2" (3734 mm to 4928 mm)	4	10'2" to 12'1" (3099 mm to 3683 mm)	6
16'3" to 19'2" (4953 mm to 5842 mm)	5	12'2" to 14'1" (3708 mm to 4293 mm)	7
19'3" to 20'2" (5867 mm to 6147 mm)	6	14'2" to 16'1" (4318 mm to 4902 mm)	8

Standard Features at a Glance

Nominal Thickness	2" (51 mm)
Maximum Standard Width	20'2" (6147 mm)
Maximum Standard Height	16'1" (4902 mm)
Exterior Steel	Nominal 24-gauge galvanized steel
Back Cover	Poly-bonded laminate
Insulation	Expanded polystyrene (standard)
R-Value*	7.35 (1.29 K m ² /W)
Exterior Surface	Ribbed
End Stiles	16-gauge steel
Center Stiles	16-gauge steel
Standard Mounting	Angle mount
Standard Track	2" (51 mm)
Standard Springs	10,000 cycle
Weatherstripping	Standard on bottom
Operation	Manual pull rope
Finish	White baked-on polyester
Lock	Interior-mounted slide lock

Options

Electric operator or chain hoist
Bottom sensing edge
Full sash section with 1/8" (3 mm) DSB; 1/8" (3 mm) insulated; 1/8" (3 mm) and 1/4" (6 mm) acrylic
Individual lites with 1/2" insulated DSB
Industrial Brown polyester paint
3" (76 mm) track
Bracket mounting (not available on full vertical)
Higher-cycle springs in 25k, 50k, 75k, 100k cycles
Exhaust ports
Jamb weatherseals
Bottom strips, including looped PVC weatherstrips, flexible PVC astragal weatherstrips and double-contact weatherstrips
Reinforcing struts of roll-formed, galvanized steel
Movable center posts for 2" (51 mm) or 3" (76 mm) tracks that roll away, with automatic safety catches that prevent door closure when posts are removed
Tumbler keyed lock
Back cover – 26-gauge galvanized steel or high impact polystyrene (HIPS)

*R-Value is a measure of thermal efficiency. The higher the R-Value the greater the insulating properties of the door. Overhead Door Corporation uses a calculated door section R-Value for our insulated doors.

BALCONY DOORS

THERMA-TRU®
DOORS

A Complete Door System

FIBERGLASS & STEEL



We've designed the only door you'll ever need.

Proven to perform, protect and preserve.

A Therma-Tru® complete door system is the culmination of **more than 60 years of expertise in material science, engineering and manufacturing**. We design on-trend entryways and test them against extreme environmental conditions — far beyond industry standards — to ensure maximum durability and safety. And we back our systems with comprehensive, industry-leading warranties.



Since we manufacture or specify every part of our complete door system, we can test every part — ensuring that each component meets our highest standards, and yours. A Therma-Tru door system **provides unmatched performance** when it matters most — for exceptional protection against water infiltration, improved energy efficiency and unparalleled durability.

1 ENLITEN™ FLUSH-GLAZED GLASS

Intentional design for exceptional performance — sleek flush-glazed glass provides increased energy efficiency¹ and superior sound dampening.

2 BALL-BEARING HINGES

Our ball-bearing hinges have been slam-tested to sustain daily use by a family of four for **more than 150 years**.

3 WEATHERSTRIPPING

Provides two points of contact and a form-fitting barrier for extra protection against leaks.

4 PRESSURE-INJECTED FOAM CORE

Our fiberglass doors feature a pressure-injected foam core that offers **4X more insulation** than a wood door.²

5 SILL, SWEEP & CORNER PADS

When the door is closed, an enhanced seal provides elevated protection against water infiltration.

6 SILL PAN

Catches and drains water away from the home while offering an added layer of defense for the home's subfloor.



¹Comparison of U-factor values of a flush-glazed full-lite door and a Lip-lite full-lite door, both with Low-E glass.

²Comparison of R-values of fiberglass to wood doors (both without glass).

Note: See your Therma-Tru seller or visit thermatru.com for details on limited warranties and exclusions.

Homeowners want to be confident that their home is safe and secure — offer a door system that delivers continuous protection against forced entry, **providing invaluable peace of mind.**

1 COMPOSITE DOOR FRAME

Our rot-free composite door frame is **50% stronger** at resisting forced entry than wood.¹

2 MULTI-POINT LOCKING SYSTEM

Engages the door frame at the top, middle and bottom, providing continuous protection along the door edge for enhanced security vs. a traditional deadbolt.

3 FIBERGLASS DOORS

Fiberglass entry doors are tough, providing **30% more protection** against forced entry than steel.²



Learn more about a Therma-Tru complete door system.

¹Comparison of pendulum impact test results for Therma-Tru composite door frame and standard finger-jointed Pine wood door frame, both with similar pre-hung doors.

²Comparison of pendulum impact test results for Therma-Tru doors in steel versus fiberglass. Visit thermatru.com for details.

Note: See your Therma-Tru seller or visit thermatru.com for details on limited warranties and exclusions.

A Therma-Tru® entryway offers **exceptional beauty that withstands the test of time**. From our industry-first fiberglass — made from a proprietary blend of advanced materials — to our innovative PrismaGuard finish, our door systems are built to last.

1 FLUSH-GLAZED GLASS

Choose beautiful glass built directly into the door, protected by a comprehensive warranty that covers accidental glass breakage during construction or installation.

2 PRE-FINISHED PRISMAGUARD® DOORS

Today's homeowners expect perfection — PrismaGuard offers an **impeccable, factory-applied finish** that meets the toughest expectations.

3 FIBERGLASS DOORS

A durable fiberglass skin resists dents and dings, providing unsurpassed beauty for a lifetime.



Our Network Advantage

Designing, manufacturing, distributing and installing requires a network of experts at every step in the process. It's more than just a collection of parts. It's decades of engineering, material science and testing at work. That's why more than 80 million homes trust a Therma-Tru door to protect what matters most.



Backed by our lifetime limited warranty.

We can stand behind our products with confidence because we make or specify everything that goes into our door systems. That's why a Therma-Tru® fiberglass door system is backed by our comprehensive lifetime limited warranty. The homeowner has one source, Therma-Tru, to turn to if an issue arises with the door system.¹



Warranty Coverage

								
	Door Panel	Glass & Lite Frame	Multi-Point Locking Mechanism ²	Sill & Hinges ²	Corner Seal Pads ³	Bottom Sweep ³ & Weatherstrip ³	Composite Door Frame ⁴	Impressions Storm Door System
Therma-Tru Classic Craft 1x Transferable Lifetime Limited Warranty	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable	LIFETIME 1x Transferable
Therma-Tru Fiber-Classic, Smooth-Star and Pulse Fiberglass Lifetime Limited Warranty	LIFETIME	LIFETIME	LIFETIME	LIFETIME	LIFETIME	LIFETIME	LIFETIME + 10-Year Transferable Warranty Rider	LIFETIME

¹Excluding improper assembly of components into a door system by the distributor, dealer, builder or remodeler, and the installation of the door system.

²Excluding installations within 5 miles of a body of salt water and the finish.

³Excluding normal wear and tear.

⁴See your Therma-Tru seller for details on product availability.

Note: See your Therma-Tru seller or visit thermatru.com for details on limited warranties and exclusions, and ENERGY STAR qualified products.

Tru-Defense: The Ultimate Protection

A Therma-Tru® door system with Tru-Defense system components provides enhanced protection against water infiltration backed by a lifetime limited warranty and a comprehensive Tru-Defense Warranty Rider. With a Tru-Defense system, you are eligible for a reimbursement of up to \$2,500 should an issue arise.¹



DOUBLE YOUR PEACE OF MIND

When it comes to door systems, we believe that proper installation is just as important as having the best components. A Tru-Defense door system installed by a Therma-Tru Certified Door System Installer doubles your reimbursement eligibility.² Look for the (⊕) icon.

How to choose a Tru-Defense® system:

1 SELECT ANY THERMA-TRU FIBERGLASS DOOR SLAB



2 CHOOSE YOUR COMPONENTS

Door Frame

**Composite
Adjustable Sill**

Bottom Sweep
(Inswing Only)

Hinges (Any)

Corner Seal Pads
(Inswing Only)

Weatherstrip (Any)

Astragal
(Double Doors)

Rain Guard
(Outswing Only)

3 ADD ANY RECOMMENDED COMPONENTS FOR ENHANCED PROTECTION

Multi-Point Locking System
(MPLS)

Sill Pan

Tru-Defense Warranty Rider

LEVELS OF REIMBURSEMENT		
System Includes	Reimbursement Eligibility	Reimbursement Eligibility with a Certified Installer
Latch & Deadbolt (No Sill Pan) ³	\$250	\$500
Latch & Deadbolt with Sill Pan ³	\$500	\$1,000
MPLS (No Sill Pan)	\$1,000	\$2,000
MPLS with Sill Pan	\$1,250	\$2,500

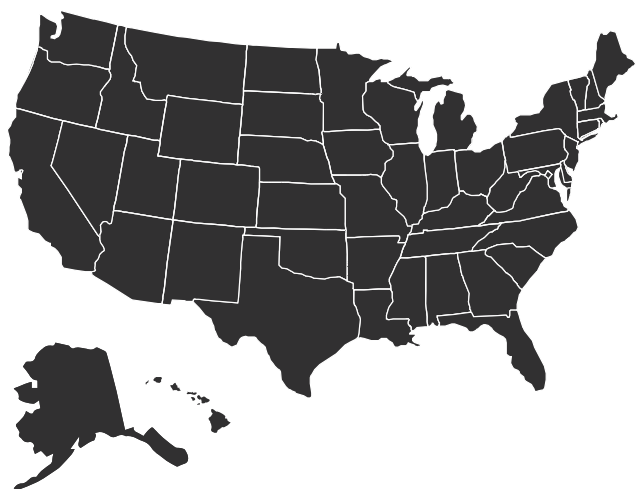
¹If water infiltrates solely as a result of non-conformities in the Tru-Defense door system.

²The Rider does not warrant workmanship of anyone who assembles or installs a Tru-Defense door system, including Therma-Tru Certified Door System Installers, nor any damages caused by improper handling, assembly or installation.

³Latch and deadbolt must meet Therma-Tru specifications.

Note: See your Therma-Tru seller or visit thermatru.com for details on limited warranties and exclusions.

Energy-Efficient Options for Every Home



Therma-Tru has options to meet ENERGY STAR® requirements in all 50 states.

ENERGY STAR provides simple, credible and unbiased information that homeowners rely on to make well-informed decisions.

Products that earn the ENERGY STAR label are independently certified to meet strict standards for energy efficiency set by the U.S. Environmental Protection Agency (EPA).



Scan to view
qualifying products.



A Therma-Tru® door can help lower your interest rate.

Choosing an ENERGY STAR-certified door from Therma-Tru can help you qualify for an energy-efficient mortgage.¹

Year-round comfort, no matter the weather.

Factory-coated Low-E glass features a thin layer that reflects infrared and ultraviolet (UV) light, helping deliver exceptional energy efficiency.



In cold weather, Low-E glass reflects a home's heat back inside to help keep the home warm.



In warm weather, Low-E glass reflects the sun's rays off the glass and a home's air conditioning back inside to help keep the home cool.

Enhanced for Energy Efficiency



Advanta® Lite Frame

Clear and privacy glass now include options that meet ENERGY STAR requirements in all 50 states, featuring triple-pane construction with a Low-E coating.

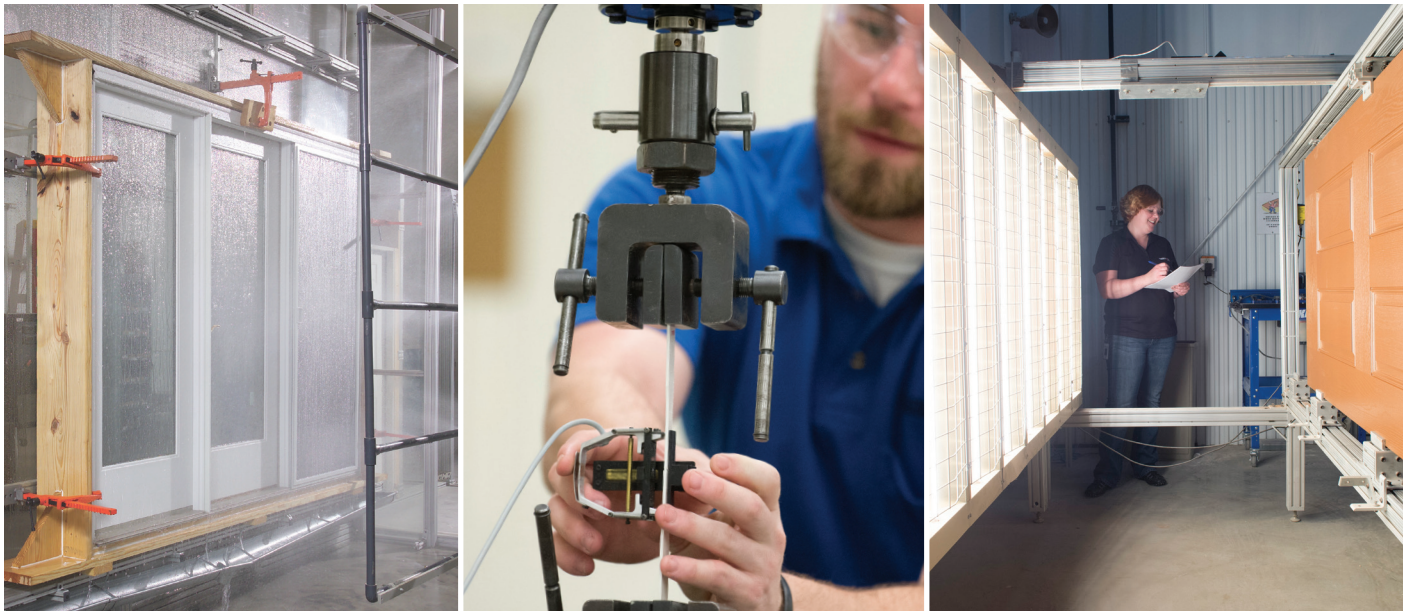


Flush-Glazed Glass

Select full-lite configurations are now available with triple-pane Low-E clear and privacy glass options to meet ENERGY STAR requirements in all 50 states.

Quality tested to meet tough expectations.

Genuine Therma-Tru® components are put through multiple rigorous tests to help ensure that they will live up to a homeowner's toughest quality and performance expectations. We even have our own engineering lab — approved to perform specific test methods with a third-party witness¹ — as part of our ongoing commitment to ensuring that our products live up to our high standards for durability and reliability.



Tested for endurance.

The door is opened and closed repeatedly. The slam test is performed to commercial standards (AAMA 920), which are stricter than residential requirements, to help ensure long-lasting durability and reliability.



Tough when you need it.

A heavy object is repeatedly rolled back and forth over the sill. Our barrel roll test simulates moving household appliances in and out of the house on a dolly. This test helps ensure the long-lasting durability and reliability of our sills.



Confidence on the coast.

Components are immersed in a simulated salt water fog. The salt fog immersion test (ASTM B117) simulates a highly corrosive atmosphere to help ensure that components with metal finishes resist corrosion.



Strength in a hurricane.

Our Impact-rated doors pass a large missile impact test. We blast a 9 lb. 2" x 4" stud into the doors at 34 mph to prove they're the better choice for strength and stability.



Ready for winter weather.

Exposing our glass to weather-like conditions helps verify that moisture and condensation will not get trapped inside.



Superior sound dampening.

Therma-Tru Sound Transmission Class- (STC) rated Noise Reduction doors deliver aesthetics with a commercial level of performance for residential projects.



Resists deterioration and color fading.

Components are subjected to accelerated amounts of UV (ultraviolet) light. Our QUV test helps ensure that weathersealing components and components with a colored finish resist deterioration and color fading with exposure to direct sunlight.



High power testing.

Design Pressure (DP) ratings are based on a Therma-Tru door system's performance in Structural Wind Load. As an example: A DP-50 structural performance rating indicates that the door system has passed a structural test pressure of 75 lbs. per sq. ft., which is equal to a 165 mph wind.

¹Manufacturer's Test Facility Quality Assurance Validation Program, Architectural Testing, Inc.

²Comparison of pendulum impact test results for Therma-Tru composite door frame and standard finger-jointed Pine wood door frame, both with similar pre-hung doors. Visit thermatru.com for details.

Built for safety and security.

Protect your home and everything in it, from family and pets to valuables and keepsakes. Therma-Tru products are designed for durability and enhanced security with pieces and parts engineered as a complete system.



Scan to see our products put to the test.

Our rot-free composite door frame is **50% stronger** at resisting forced entry than wood.²

THERMA-TRU COMPOSITE DOOR FRAME

- Features full-length jambs with no finger joints for more reliable performance, and a continuous composite material that will not deteriorate over time, like wood.

MULTI-POINT LOCKING SYSTEM

- Engages the door frame at the top, middle and bottom, providing continuous protection along the door edge for enhanced security vs. a traditional deadbolt (see pages 26-27).

ADJUSTABLE SECURITY STRIKE PLATE

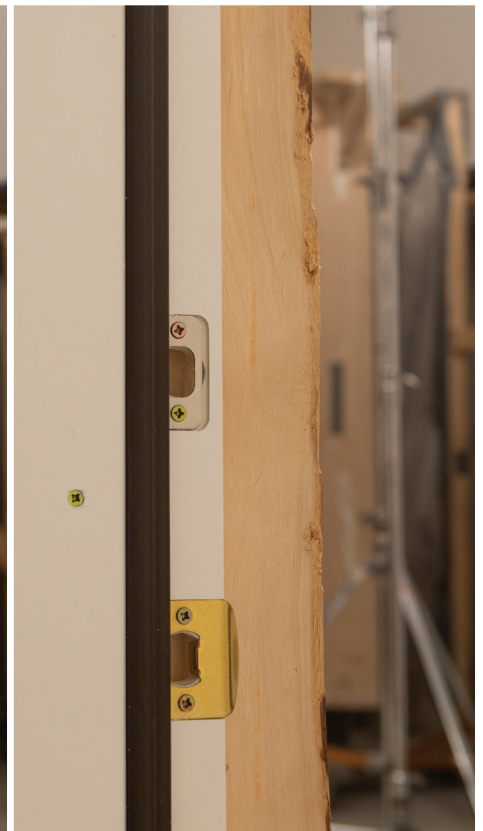
- Wraps around the door jamb and uses 2-1/2" screws to fully engage the frame of the house for added support and strength against forced entry (see page 28).



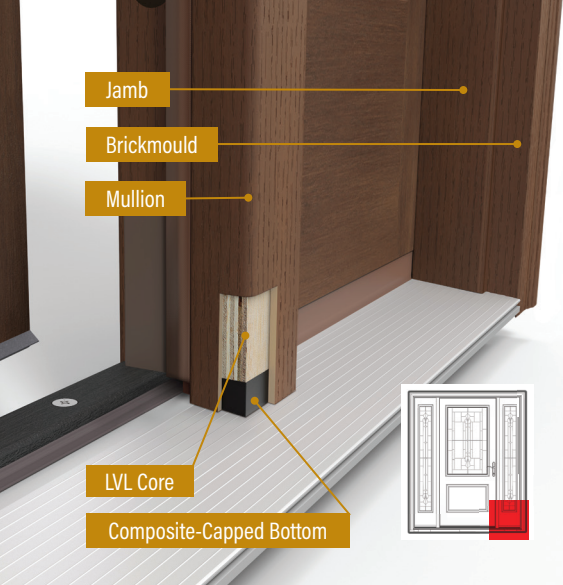
Pendulum Impact Test



Therma-Tru Pine Wood Jamb



Therma-Tru Composite Jamb



Composite Door Frame¹

featuring Tru-Guard™ Composite Technology

Therma-Tru® composite door frame featuring Tru-Guard composite technology provides a rot-free solution engineered to work together with rot-resistant Therma-Tru doors and components.

- Delivers extra protection from the damaging effects of outside elements for peace of mind.
- Eliminates the risk of rot and wood-ingesting insects with a durable composite material that is virtually maintenance free. Rot-free door frame does not absorb moisture and resists mold, mildew and fungus.

TRU GUARD
COMPOSITE TECHNOLOGY

AVAILABLE TEXTURES



Buff Grained  Ready to finish.

- Features a universal wood grain to complement a wide range of grain species.
- Stain or paint to complement the entry — no sanding or priming required.



White Smooth  Ready to install.
Ready to finish.

- Features a matte finish similar to painted wood and includes a protective layer with UV inhibitors to help resist yellowing and fading.
- Ready to install as-is — no painting required. Or finish with stain or paint to complement the entry — no sanding or priming required.



REINFORCED MULLIONS

Provide additional structural support and stability. All mullions are reinforced with a co-extruded **A** LVL core to provide additional structural support and stability and feature a **B** composite-capped bottom to eliminate the risk of water absorption and maintain a rot-free composite exterior.



CODE-COMPLIANT OPTIONS

Therma-Tru composite door frame delivers the durability and reliability you expect from Therma-Tru with options to meet select national and local building code requirements.²



Impact-rated to meet high-wind and coastal region codes and regulations, offering excellent performance in extreme weather conditions while providing added protection.²



20-minute Fire-rated to meet most national and local code requirements for house-to-garage, multi-family residential and hotel / motel unit entries.²

THE ADVANTAGE IS CLEAR

Performance

Resists Moisture and Humidity — Eliminates Risk of Swelling, Warping and Splitting	✓
Resists Mold, Fungus and Rot — Does Not Absorb or Retain Moisture	✓
Resists Insects — Helps Protect from Wood-Ingesting Insects	✓
Tested to be up to 50% stronger on average than standard wood door frames against kick-ins. ²	✓
Impact and 20-Minute Fire Code Compliant ³	✓

Aesthetics

Ready to Finish — No Sanding or Priming Required	✓
Ready-to-Install Option, No Finishing Required — White Smooth	✓
Universal Grain Complements a Wide Range of Wood Species — Buff Grained	✓
Screw Plugs Match Frame Material and Conceal External Fasteners	✓

Warranty

Therma-Tru Products & Applications	Warranty For First Homeowner	Warranty Riders Transferable 1x to Second Homeowner
Composite Door Frame + Classic Craft® Door + Components		Lifetime Transferable Full-System Rider
Composite Door Frame + Fiber-Classic®, Smooth-Star®, Pulse® Fiberglass Door + Components		10-Year Transferable Full-System Rider
Composite Door Frame Only		

¹See your Therma-Tru seller for details on product availability.

²To confirm code requirements in your jurisdiction, always check with your local building code authority.

³Comparison of pendulum impact test results for Therma-Tru composite door frame and standard finger-jointed Pine wood door frame, both with similar pre-hung doors. Note: See your Therma-Tru seller or visit thermatru.com for details on product approvals and installation instructions, available product sizes and options, limited warranties and exclusions, and Riders. Always confirm building code requirements in your area before buying. Follow weather and news reports to assess severe weather situations and obey local authorities' shelter and evacuation orders. No product guarantees safety for persons or property, nor makes any premises hurricane- or impact-proof. To see full results of third-party Intertek, Warnock-Hersey testing, visit thermatru.com/performance.



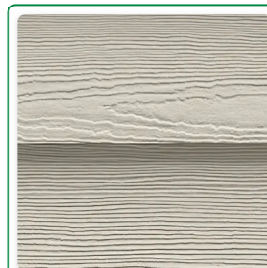
Individual colors may vary depending on display settings. Samples only available in Select Cedarmill® texture. Please check with your contractor or local dealer for availability in your area.

Hardie® Plank

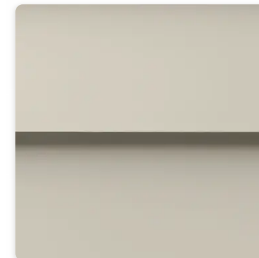
Find your style

Your home is a blank canvas. Experiment with a variety of Hardie® Plank siding styles, textures, and stunning colors featuring our ColorPlus® Technology finishes to create your masterpiece.

Select your texture



Select Cedarmill®



Smooth



Beaded Select Cedarmill®

Hello! This is James Hardie's automated chat bot.
How can we help you get started on your home siding project?



VERSATEX®
BUILDING PRODUCTS

PVC TRIM

Product Catalog





WHY VERSATEX?

Innovative, practical solutions for a sustainable future.

VERSATEX Building Products is the only company in its industry that has solely focused on the cellular PVC building products market for over 15 years. A high value is placed on listening to customers and smartly responding to their needs. With expertise in the design, development, production and sale of PVC building products, VERSATEX’s strength lies in innovation and the ability to bring new product solutions to market to help our builders, contractors, architects and homeowners. Dedication, education and innovation equate to VERSATEX being a proven industry leader with an unmatched service platform and best-in-class product quality.

VERSATEX Building Products are manufactured from cellular PVC, which is impervious to insects and moisture. Our product formula ensures VERSATEX maintains its bright white color and is dense enough to use the same cutting tools & fasteners one would with a traditional product. These factors and more create an ideal solution for moisture-sensitive areas, including those along coastal zones or regions affected by salt and high humidity.

Warping, fading, cupping, or splitting is now a thing of the past – just a building product with high aesthetic value backed by an **industry-best, lifetime, fully transferable, non-prorated warranty**.



AIA
Continuing
Education
Provider



VERSATEX has passed all performance testing and obtained an NGBS Green Certification, making the products, and the company as a whole, safe and efficient for the environment.

TABLE OF CONTENTS

Why VERSATEX?	2
Trimboard	4
Sheet	6
T&G Profiles	8
Canvas Series	10
Corners	14
Stealth Trim System	16
VERSAWRAP	18
Soffit	22
Mouldings	24
Finishing Systems	26
Premier Builder App	28



TRIMBOARD

The Board that Started it All.

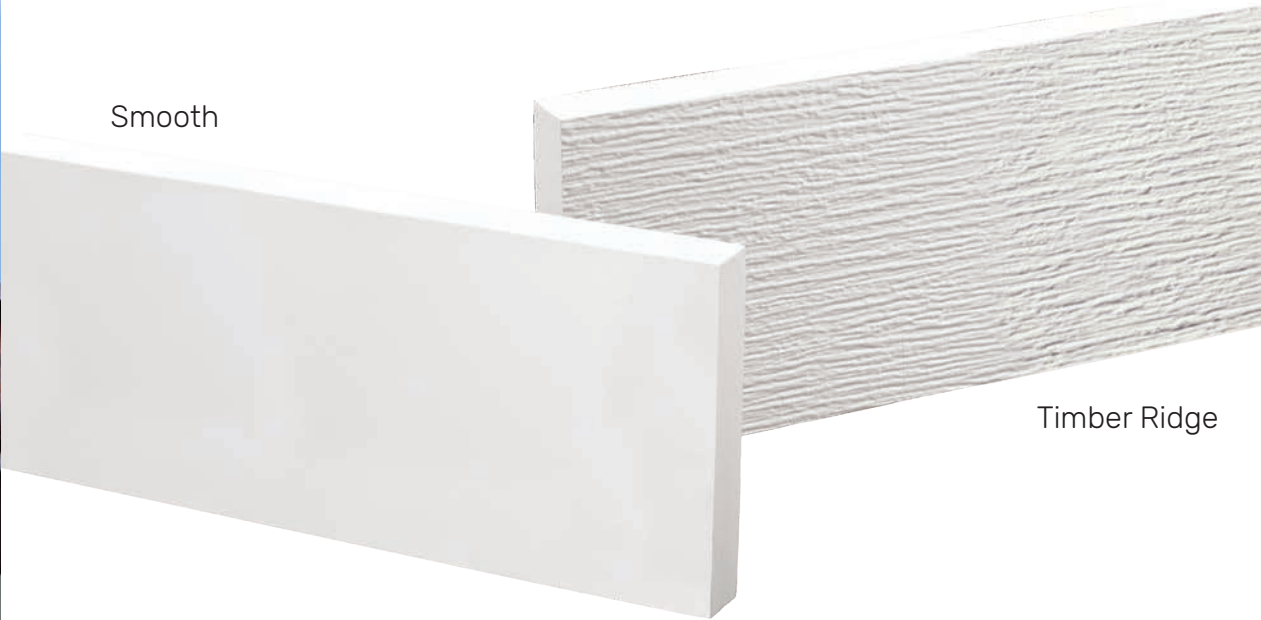
VERSATEX has always been dedicated to cellular PVC trim, constantly innovating to give our customers the highest in quality and technical assistance. Breakthroughs like thickness tolerances that are half the industry norm and thicker products done right ensure VERSATEX offers a level of product quality, service and expertise others can only dream of.

The most like wood, without the hassle.

VERSATEX Trimboards are produced in two finishes: a low-gloss, Smooth Matte finish and a Timber Ridge finish, designed with a more natural surface texture to compliment cedar and fiber cement. Boards come in either Smooth/Smooth or Smooth/Timber Ridge options.

The edges are right, always.

VERSATEX Trim is cut with a proprietary system to seal the edges, keeping them clean and dimensionally accurate with true 90° angles (+/- 1°).



	Nominal Width									
	2	3	4	5	6	8	10	12	16	
Thickness	Actual Width	1 1/2"	2 1/2"	3 1/2"	4 1/2"	5 1/2"	7 1/4"	9 1/4"	11 1/4"	15 1/4"
5/8 (5/8" actual)			•			•	•	•	•	•
1 (3/4" actual)	•	•	•	•	•	•	•	•	•	•
5/4 (1" actual)			•	•	•	•	•	•	•	•
6/4 (1 1/4" actual)			•			•	•	•	•	
8/4 (1 1/2" actual)			•			•	•	•	•	

- 5/8, 1 and 5/4 available in standard 12', 18' and 20' lengths;
- 6/4 and 8/4 available in standard 18' lengths
- 5/8, 1 and 5/4 boards come with protective film applied
- Custom lengths and widths available in "Smartpack" quantities
- 1 1/2" thick Trimboards may be subject to extended lead times
- Most thicknesses can be ordered reversible - Smooth/Timber Ridge or Smooth/Smooth



SHEET

Never be limited.

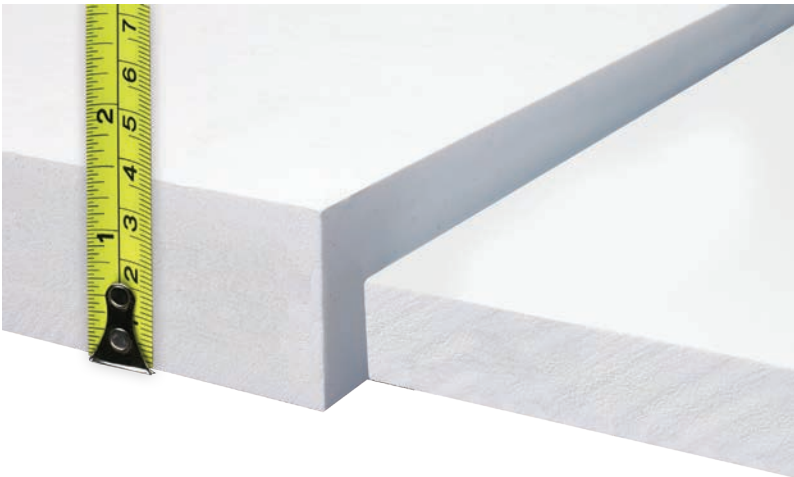
VERSATEX features the most comprehensive sheet stock available, ranging from as thin as 1/4" to a full 1 1/2". Using the most up-to-date extrusion technology to control sheet thickness tolerances to half that of the competition, VERSATEX manufactures the most consistent sheet product in the industry. Board & batten, accent walls, gables and more are now a breeze, providing builders and fabricators high yields, less scrap and a higher quality finished product.

Thickness	Width & Length	4x8'	4x10'	4x12'	4x18'	4x20'
1/4"		•	•			
3/8"		•	•	•	•	
1/2"		•	•	•	•	•
5/8"		•	•	•	•	•
3/4"		•	•	•	•	•
1"		•	•	•	•	•
1 1/4"		•	•	•	•	
1 1/2"		•	•	•	•	

- Custom lengths and widths available in "Smartpack" quantities
- 5' wide Sheets available in certain sizes and special quantities

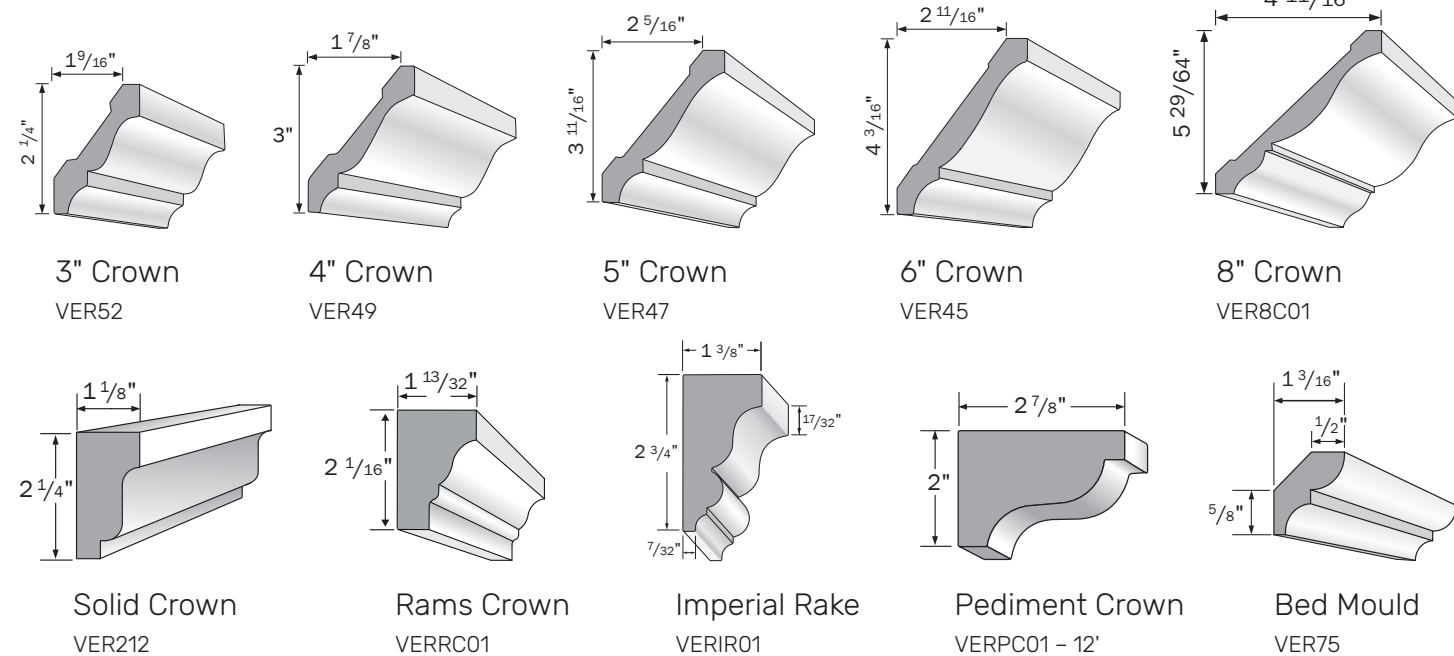
Thicker options, done right.

Always wanting to innovate and listen to the needs of the field was the motivation behind creating the first-ever true 1 1/2" thick, extruded cellular PVC sheet and trimboard. A product that OEMs and millwork houses have been demanding for years, the thickness isn't the only benefit: the product still maintains the industry-best +/- 1/32" tolerances and core density found in all VERSATEX product thicknesses, making it easier to create thick pergola rafters, window casings, custom mouldings and much more.

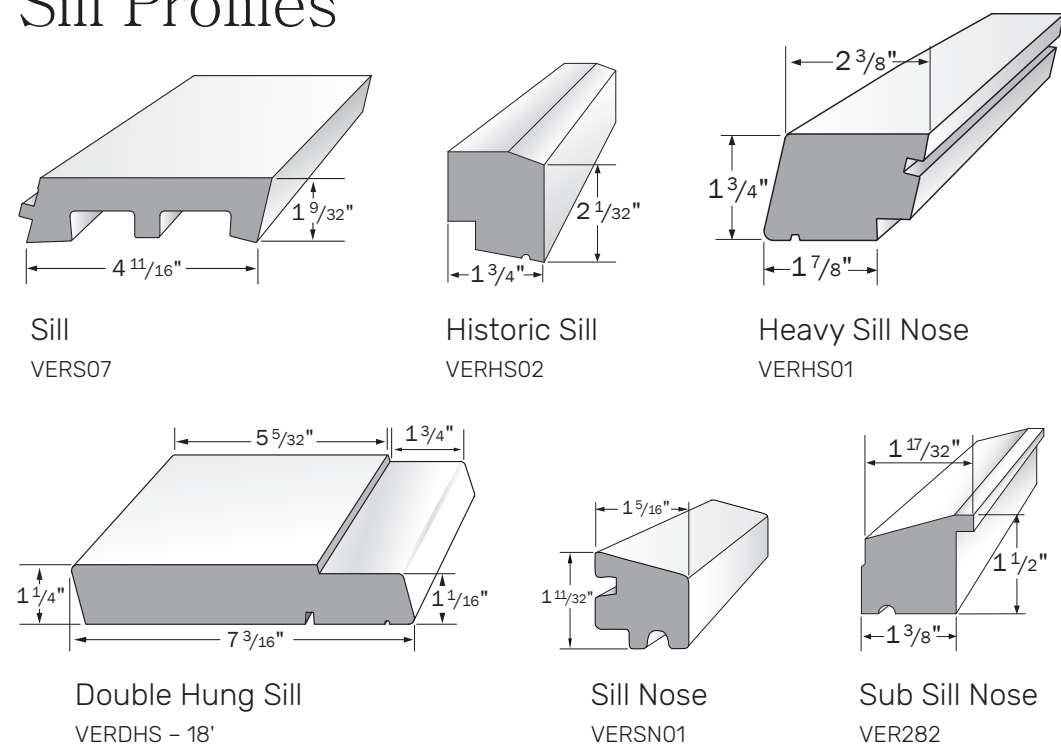


MOULDINGS

Crown Profiles

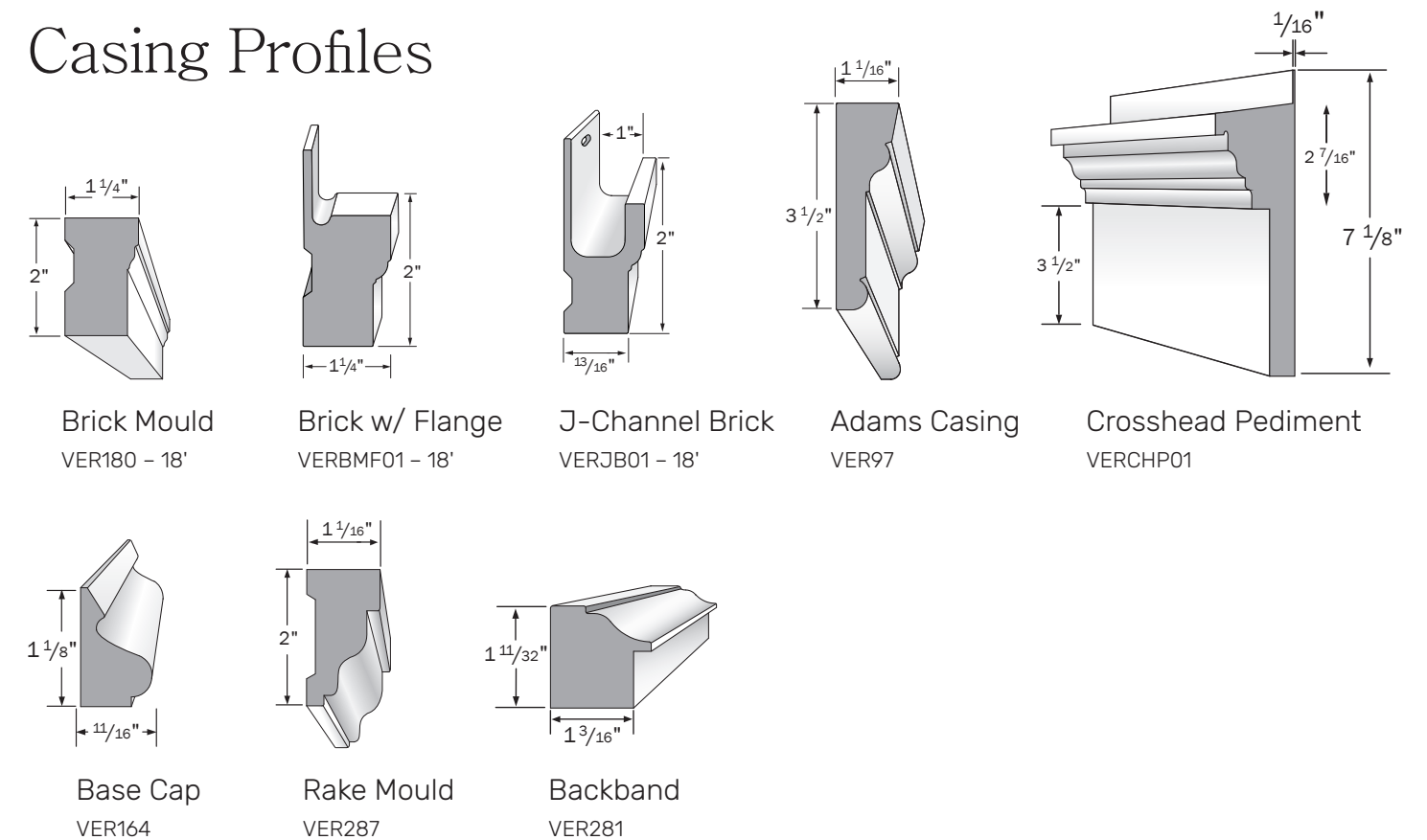


Sill Profiles

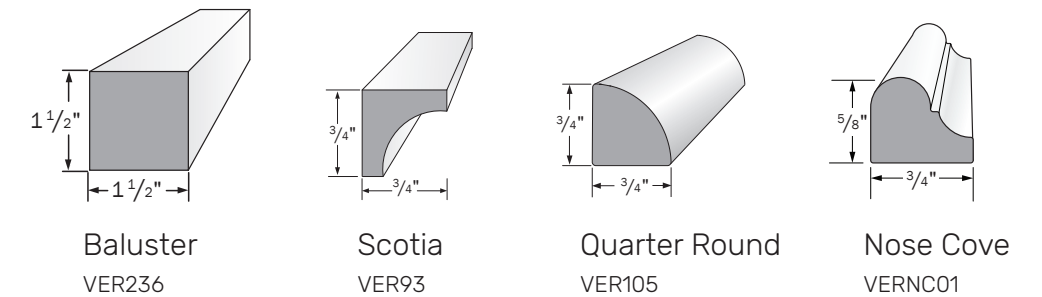


All mouldings manufactured in 16' lengths except where noted.

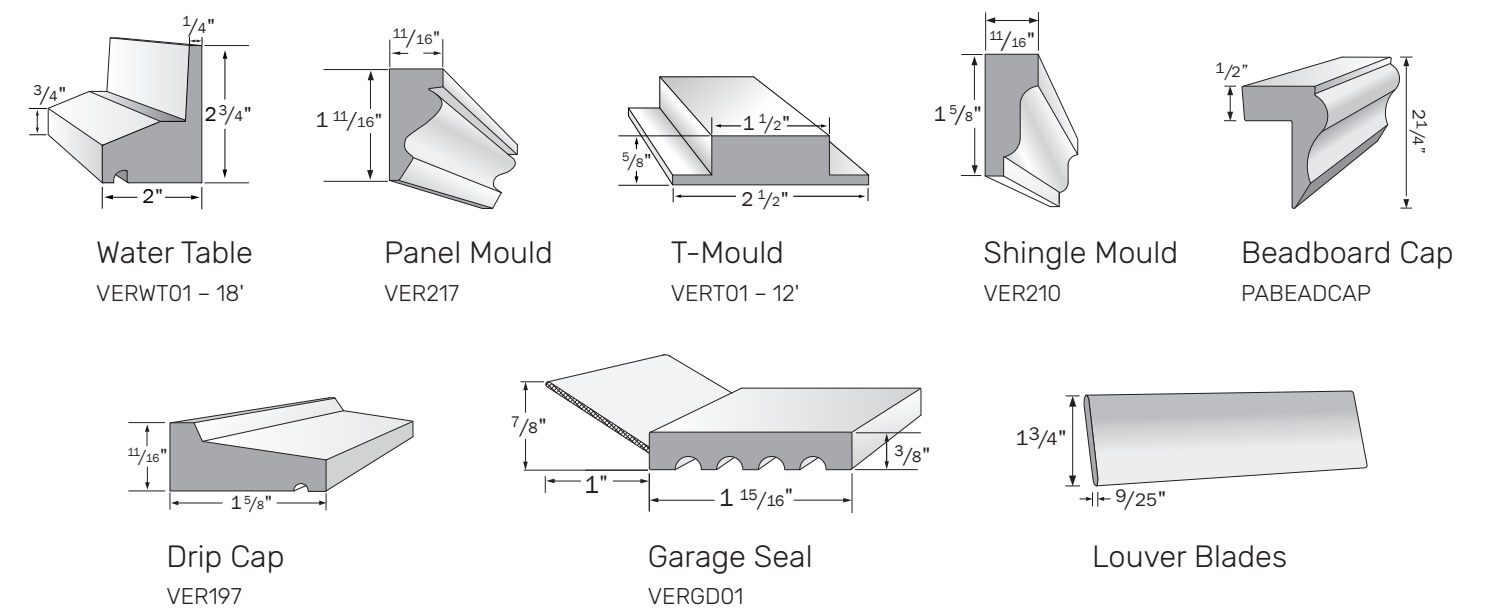
Casing Profiles



Cove Profiles

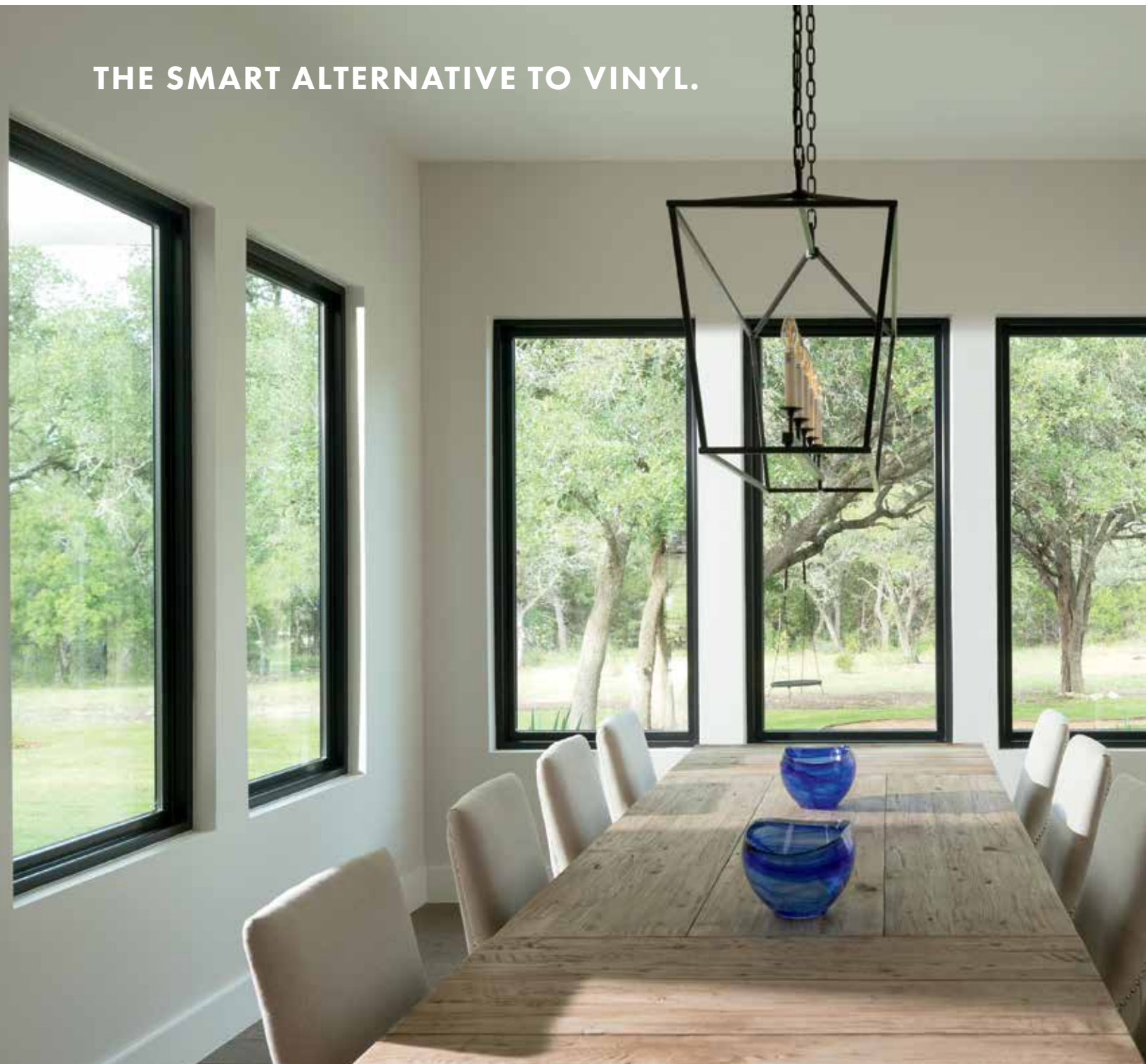


Additional Profiles



100 SERIES

THE SMART ALTERNATIVE TO VINYL.





Andersen® 100 Series single-hung windows in white.

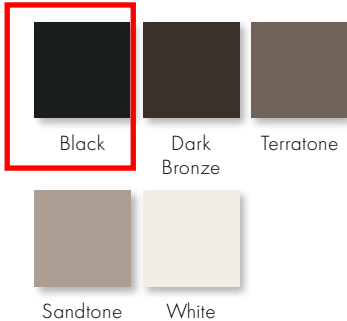
A BETTER CHOICE FOR YOUR HOME.

Whether you're replacing or remodeling, Andersen® 100 Series windows and patio doors offer many advantages over vinyl. They offer superior strength and performance because they're made of **Fibrex® composite material**, which is 2X stronger and more durable than vinyl, and they're available in a variety of rich exterior colors that are made to last. Plus, 100 Series windows and patio doors are environmentally responsible and energy efficient, making them a better choice for your home.

Colors That Last

Durable, factory-finished interiors and exteriors never need painting and won't fade, flake, blister or peel,* even in extreme cold or heat.

Exterior colors:



See page 6 for interior color options.

OWNER2OWNER[®] LIMITED WARRANTY

Most other window and door warranties end when a home is sold, but our coverage — 20 years on glass, 10 years on non-glass parts — offers full benefits, year after year, owner after owner.*



Advanced Craftsmanship

To give your home a beautiful, clean look inside and out, Andersen[®] 100 Series products feature **virtually seamless** corners. In addition, they feature a low-maintenance, premium matte finish that isn't shiny like vinyl.



Environmentally Responsible

Exclusive Andersen[®] Fibrex[®] composite material is composed of **40% reclaimed wood fiber by weight**, most of which is reclaimed from the manufacturing of Andersen[®] wood windows.



FIBREX[®]
MATERIAL
2X
STRONGER
THAN VINYL

STRENGTH & PERFORMANCE

HERE'S WHAT HELPS MAKE OUR INNOVATIVE FIBREX COMPOSITE MATERIAL SO REVOLUTIONARY:

- Retains its stability and rigidity in all climates, delivering exceptional durability
- Won't rust, pit or corrode,* even in extreme temperatures
- Withstands temperatures in excess of 160°F, even in dark colors
- Blocks thermal transfer nearly 700 times better than aluminum to help reduce heating and cooling bills

*See limited warranty for details.
Printing limitations prevent exact color duplication.



Andersen® 100 Series casement windows in white.



Andersen® 100 Series casement and transom windows in black.



Andersen® 100 Series single-hung and picture windows in white.

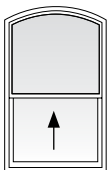
WINDOW & DOOR TYPES

Andersen® 100 Series windows and patio doors allow you to create a home in virtually any style. They're available in a variety of styles and shapes, plus you can order them in the custom sizes you need to bring your vision to life.

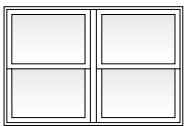


Single-Hung Windows

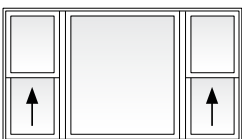
This style features a stationary upper sash that is also available with an arched top to enhance the look of your home.



Arch Single-Hung Window



Twin Single-Hung Window

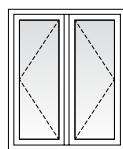


Picture Window With Flanking Single-Hung (More combination options available)

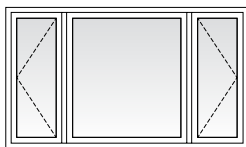


Casement & Awning Windows

Both styles open with a simple turn of a handle and can also be ordered as stationary windows.



Twin Casement Window

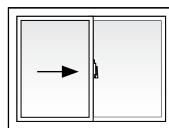


Picture Window With Flanking Casement (More combination options available)

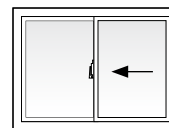


Gliding Windows

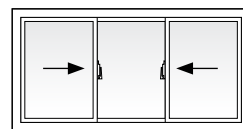
These units have one stationary sash and one that opens. A three-sash configuration, where two sash glide past a fixed center sash, is also available.



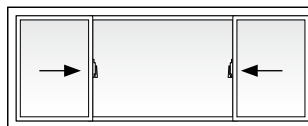
2-Sash (XO)



2-Sash (OX)



3-Sash (XOX)



Unequal 3-Sash (XOX)
(More combination options available)



Specialty Windows

A variety of shapes are available to complement your home's architecture.



Gliding Patio Doors

Patio doors have one stationary panel and one that glides smoothly on adjustable rollers. They feature a multi-point locking system for enhanced security, and an optional exterior keyed lock for convenience. For more character, consider adding Andersen 100 Series sidelight windows on each side of your door and a transom window on top.



Available in custom sizes to fit all projects, including replacement.

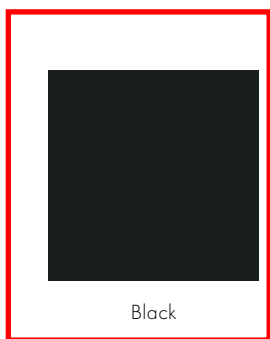


Andersen® 100 Series casement and picture windows in black.

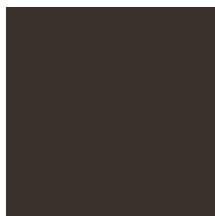
COLOR OPTIONS

EXTERIOR COLORS

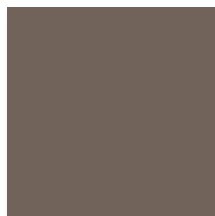
Andersen® 100 Series products come in five exterior colors, including Black and Dark Bronze.



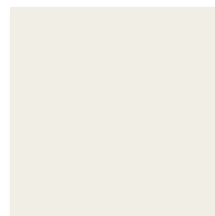
Black



Dark Bronze



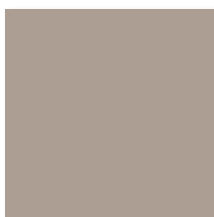
Terratone



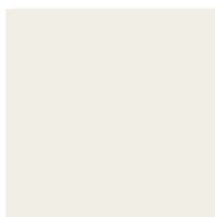
White



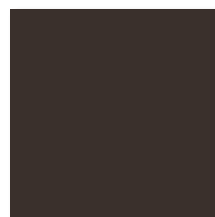
Sandtone*



Sandtone



White



Dark Bronze*



Black*

INTERIOR COLORS

100 Series windows and doors feature an attractive matte finish inside. This gives you the ability to select the interior color without compromising options for your interior decor.

*Sandtone, Black and Dark Bronze interiors are only available with Sandtone, Black and Dark Bronze exteriors respectively. Printing limitations prevent exact color duplication.

GLASS OPTIONS

Andersen has the glass you need to get the performance you want with options for every climate and project. Ask a sales associate for the selections that are ENERGY STAR® certified in your area.

GLASS		ENERGY		LIGHT	
		U-Factor	Solar Heat Gain Coefficient	Visible Light Transmittance	UV Protection
		How well a product prevents heat from escaping.	How well a product blocks heat caused by sunlight.	How much visible light comes through a product.	How well a product blocks ultraviolet rays.
SmartSun™	Thermal control similar to tinted glass, with visible light transmittance similar to Low-E4 glass.	● ● ● ○	● ● ● ●	● ● ● ○	● ● ● ●
SmartSun with HeatLock® Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factors.	● ● ● ●	● ● ● ●	● ● ○ ○	● ● ● ●
Low-E	Outstanding overall performance for climates where both heating and cooling costs are a concern.	● ● ● ○	● ● ● ○	● ● ● ○	● ● ● ○
Low-E with HeatLock Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factors.	● ● ● ●	● ● ● ○	● ● ● ○	● ● ● ○
Sun	Outstanding thermal control in southern climates where less solar heat gain is desired.	● ● ● ○	● ● ● ●	● ○ ○ ○	● ● ● ○
Clear Dual-Pane	High visibility with basic thermal performance.	● ○ ○ ○	○ ○ ○ ○	● ● ● ●	○ ○ ○ ○

Center of glass performance only. Ratings based on glass options as of March 2019. Visit andersenwindows.com/energystar for ENERGY STAR® map and NFRC total unit performance data.



ADDITIONAL GLASS OPTIONS

Tempered safety glass is available (standard on gliding patio doors) as well as sound-reducing glass options. Patterned glass lets in light while enhancing privacy and adds a unique, decorative touch to your home.

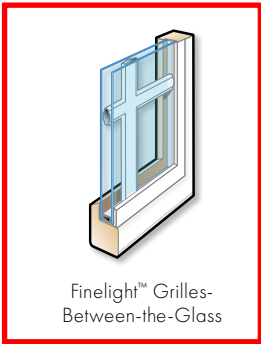


Cascade and Reed patterns can be ordered with either a vertical or horizontal orientation.



GRILLE OPTIONS

GRILLE CONFIGURATIONS

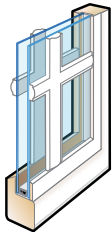


Finelight™ Grilles-Between-the-Glass



Finelight™ with Exterior Grilles

Finelight™ grilles-between-the-glass make window and patio door glass easy to clean. They have a sculpted profile and allow you to match your interior and exterior color choice. This grille configuration is now available with an option for permanently applied exterior grilles for architectural detail.



Simulated Divided Light

Simulated divided light offers permanent grilles on the exterior and interior with no spacer between the glass.

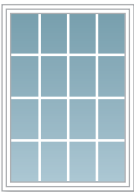


Full Divided Light

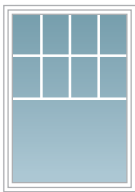
Full divided light offers permanent grilles on the exterior and interior with a spacer between the glass to create an authentic look.



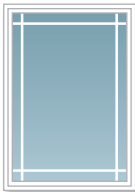
GRILLE PATTERNS



Colonial



Modified Colonial



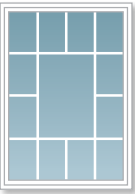
Prairie A



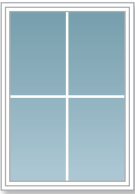
Short Fractional



Tall Fractional



Victorian



Specified Equal Light (2 x 2)



Specified Equal Light (1 x 3)

OPTIONS & ACCESSORIES

WINDOWS

SINGLE-HUNG & GLIDING



Lock



Lift/Pull (Optional)

Lock automatically engages when window is closed.
Hardware color matches the window's interior. **Shown in white.**

OPTIONAL SLIM LINE METAL HARDWARE



Lock

Antique Brass | Black | **Dark Bronze**
Sandtone | Satin Nickel | White

CASEMENT & AWNING



Antique Brass | Black | Dark Bronze
Sandtone | Satin Nickel | White

Folding handle avoids interference with window treatments.

PATIO DOORS

TULSA HARDWARE



Exterior



Interior

Exterior handle matches exterior door color. **Shown in dark bronze.**

Interior handle matches interior door color. **Shown in white.**

OPTIONAL AFTON HARDWARE



Exterior



Interior

Antique Brass | Bright Brass
Black | **Satin Nickel**

Gliding patio doors features a multi-point locking systems for enhanced security. Optional auxiliary foot lock is available to secure the gliding panel and provides an extra measure of security when the door is in a locked position.

Exterior keyed lock also available.

Bold names denotes finish shown.

Wireless open/close sensors are available. Visit andersenwindows.com/connect to learn more.

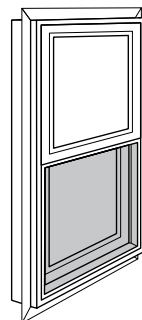
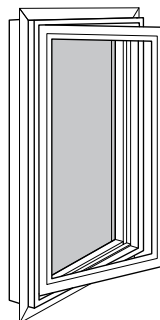
WIRELESS OPEN/CLOSED SENSORS



When you want the peace of mind of knowing whether your windows and patio doors are open or closed, these sensors are a simple, reliable solution. For more information, visit: andersenwindows.com/connect

INSECT SCREENS

Insect screens for windows and patio doors have a fiberglass screen cloth. Optional **TruScene® insect screens** for windows are made with a micro-fine stainless steel mesh, providing **50% more clarity** than our conventional insect screens.



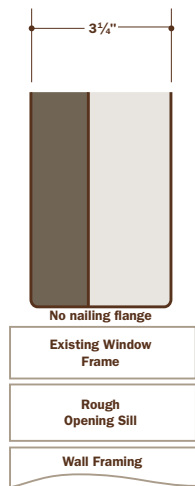
Insect screens are available for all 100 Series venting windows.



Andersen® 100 Series single-hung windows in dark bronze.

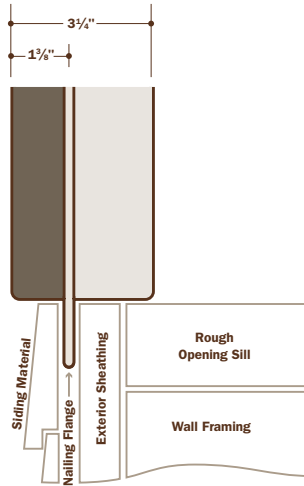
PERFECT FOR REPLACEMENT

If you're thinking of replacing your windows and doors, think of Andersen® 100 Series products. You'll find choices for virtually any project, including three different frame types. All feature energy-efficient designs that help keep energy bills to a minimum.



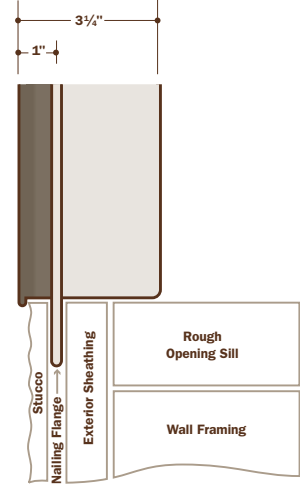
Replacement Configuration

This frame allows for fast and easy window replacement. Install the window into your existing window frame without disturbing interior or exterior trim, which saves you time and money.



1 3/8" Flange Setback

The integral nailing flange makes it easy to install windows into a new opening and helps make sure the windows and patio doors are weathertight.



1" Flange Setback With Stucco Key

The integral nailing flange makes it easy to install windows into a new opening and helps make sure the windows and patio doors are weathertight. The stucco key eliminates gaps that can result from the natural contraction of exterior stucco.



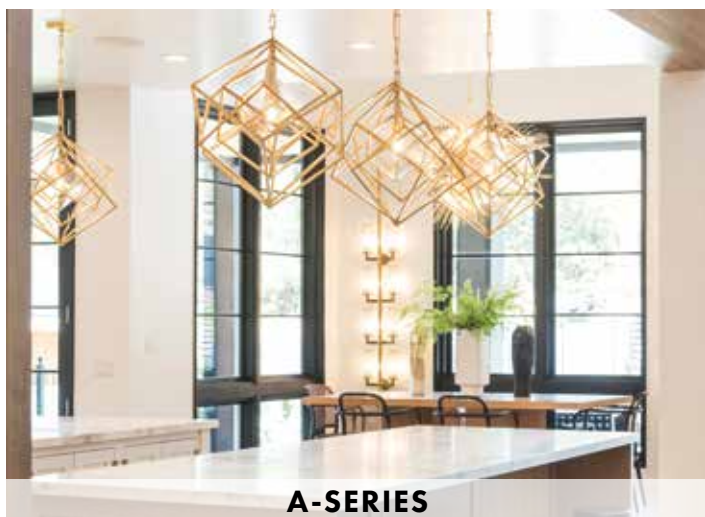
CUSTOM SIZES FOR A WEATHERTIGHT FIT.

Andersen 100 Series windows and patio doors are available in custom sizes, which helps provide a more weathertight fit for any replacement project.

ANDERSEN® WINDOW FAMILY

In addition to 100 Series products, Andersen offers several other series of windows and patio doors. All feature the quality construction and low-maintenance designs you'd expect from the industry leader. For additional information about each series, including finish options, hardware choices, accessories and more, visit andersenwindows.com

	A-SERIES	400 SERIES	200 SERIES	100 SERIES
Material	Wood-Clad	Wood-Clad	Wood-Clad	Fibrex® Composite
Exterior Colors	11 Colors	7 Colors	2 Colors	5 Colors
Interior Wood Species	6 Options	3 Options	1 Option	
Interior Colors/Finishes	13 Options	3 Colors	1 Color	4 Colors
Decorative Exterior Trim Options	●	●	●	
 ASK ABOUT ENERGY STAR	●	●	●	●
Coastal Options	●	●		



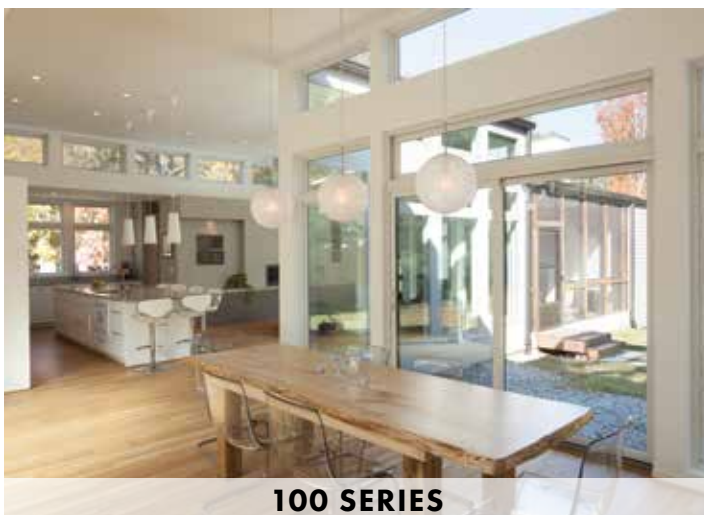
A-SERIES



400 SERIES



200 SERIES



100 SERIES



THE ENVIRONMENT HAS A BUSINESS PARTNER

Respect for the environment is nothing new at Andersen. For more than a century, it's been part of who we are. Our commitment to recycle and reclaim materials began simply because it was good business. Now it's part of our commitment to sustainability and responsible stewardship of all our resources. Andersen is committed to providing you with long-lasting,* energy-efficient windows and doors. Visit andersenwindows.com/sustainability for more information.



Andersen makes windows and doors with options that make them ENERGY STAR® v. 6.0 certified throughout the U.S.



Andersen is a charter member of the **U.S. Green Building Council** and a strong supporter of its LEED® (Leadership in Energy and Environmental Design) National Green Building Standard rating system.



10% RECYCLED FIBER



WWW.ANDERSENWINDOWS.COM

Printed on FSC® certified paper, with 10% recycled fiber.

*ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency. The Home Depot logo is a registered trademark of Homer TLC, Inc. "Andersen" and all other marks where denoted are trademarks of Andersen Corporation. ©2020 Andersen Corporation. All rights reserved. 02/20 Part #9044189





Scan for
samples



A product of **VERSATEX** Building Products,
A wholly-owned subsidiary of The Azek Company
400 Steel Street | Aliquippa, PA 15001
724.857.1111 | [versatex.com](https://www.versatex.com)



A big “thank you” to the builders whose
craftsmanship is featured in this brochure.



TRIFAB® VG (VERSAGLAZE®)

TRIFAB® VG 450, 451 & 451T (THERMAL) FRAMING SYSTEMS &
TRIFAB® 451UT (ULTRA THERMAL) FRAMING SYSTEM

Design + Performance

Versatility with Unmatched Fabrication Flexibility



Geisinger Professional Building
Jenkins Township, Pennsylvania
ARCHITECT
Mericle Commercial Real Estate Services
Wilkes-Barre, Pennsylvania
GLAZING CONTRACTOR
Sterling Glass, Inc., Scranton, Pennsylvania
PHOTOGRAPHER
© Perzel Photography Group

Trifab® VersaGlaze® is built on the proven and successful Trifab® platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The 4.5" depth Trifab® VersaGlaze® Framing System family is available with non-thermal, thermal and ultra-thermal performance levels. The ultra-thermal Trifab® 451UT Framing System, is designed for the most demanding thermal performance and employs a dual Isolock® thermal break.

AESTHETICS

Trifab® VersaGlaze® Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone

glazing (SSG) and weatherseal glazing options further expand designers' choices, allowing for a greater range of possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab® VersaGlaze® 450 has 1-3/4" sightlines, while Trifab® VersaGlaze® 451/451T and Trifab® 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent® visually frameless ventilators, Trifab® framing can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

ECONOMY

Trifab® VersaGlaze® 450/451/451T/451UT Framing Systems offer a variety of fabrication choices to suit your project:

- **Screw Spline** – for economical continuous runs utilizing two-piece vertical members that provide the option to pre-assemble units with controlled shop labor costs and smaller field crews for handling and installation. (available for all systems)
- **Shear Block** – for punched openings or continuous runs using tubular moldings with shear block clips that provide tight joints for transporting large pre-assembled multi-lite units. (available for 450/451/451T systems)
- **Stick** – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the jobsite. (available for 450/451/451T systems)
- **Pre-glazed** – The combination of screw spline construction with pre-glazing in the shop accelerates installation and reduces field labor time while minimizing disruption to the surrounding area or existing tenants. Making it an exceptional choice for new or retrofit applications, particularly in urban areas or where space is limited. (available for 451/451T/451UT framing)



Brighton Landing
Cambridge, Massachusetts
ARCHITECT
ADD Inc., Cambridge, Massachusetts
GLAZING CONTRACTOR
Ipswich Bay Glass Company, Inc., Rowley, Massachusetts
PHOTOGRAPHER
© Gordon Schenck, Jr.

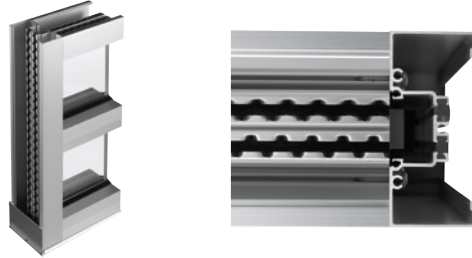
All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab® VersaGlaze® 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, high-performance flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

FOR THE FINISHING TOUCH

Architectural Class I anodized aluminum and painted finishes in fluoropolymer (AAMA 2605) and solvent-free powder coatings (AAMA 2604) offer a variety of color choices.

PERFORMANCE

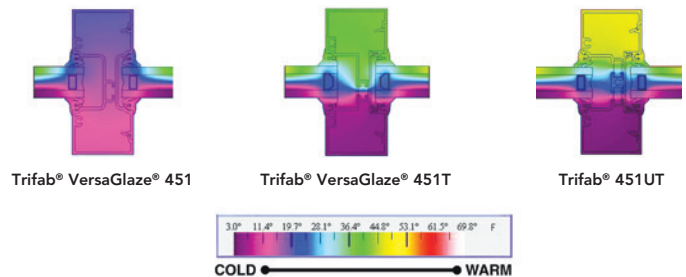
Kawneer's Isolock® thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab® VersaGlaze® 451T. For even greater thermal performance, a dual Isolock® thermal break is used on Trifab® 451UT.



Trifab® 451UT uses a dual Isolock® thermal break (right) and features a new high-performance sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

U-factor, CRF values and STC ratings for Trifab® framing systems vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information.)

Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



PERFORMANCE TEST STANDARDS

Air Infiltration	ASTM E283
Water	AAMA 501, ASTM E331
Structural	ASTM E330
Thermal	AAMA 1503
Thermal Break	AAMA 505, AAMA TIR-A8
Acoustical	AAMA 1801, ASTM E1425

