

PREMIUM SERIES

Aluminum-Clad Wood Windows and Patio Doors



A SOLID FOUNDATION TO BUILD ON



When Edward Lee Schield designed his first window in 1955, he set into motion a company built around an inventive spirit. His enthusiasm for innovation defines Weather Shield to this day. After more than 65 years and 33 patents, Weather Shield remains faithfully focused on creating something better and purposeful.

Our quest to bring you the latest and greatest products is firmly grounded in serving the needs of our customers. We're still a family-owned business that believes in listening closely to the people who specify, buy and install our windows and doors. Their input is critical as we strive to improve and perfect every aspect of product design and performance.

Our Premium Series products embrace our founder's vision of combining old-world craftsmanship with innovative designs and materials. This comprehensive collection features

timeless aesthetics
with the latest
advancements in
energy efficiency.
The end result is
a broad, bold and
beautiful palette to
help bring your dream
design to life.

TABLE OF CONTENTS

Why Weather Shield?	4
Double Hung Windows	6
Casement Windows	8
Awning Windows	10
Slider Windows	12
Specialty Shape Windows	14

Bi-Fold Windows	16
Sliding Patio Doors	18
Hinged Patio Doors	20
Multi-Slide Patio Doors	22
Bi-Fold Doors	24
Exterior Options	26

nterior Options	28
Grille & Glass Options	30
creen & Trim Options	32
lardware Options	34
esigner Hardware	36
Architectural Services	38





5 REASONS TO CONSIDER WEATHER SHIELD

With hundreds of window and door manufacturers to choose from, it can be difficult to distinguish one company from another. We thought it might be helpful to share a few of the things that set Weather Shield apart from the rest.

Continuous Innovation

At Weather Shield, we never stop searching for ways to improve both our products and our processes. The goal of discovering new and innovative solutions has always been part of our DNA. That's why we have our own dedicated Research and Development Center and the largest onsite test lab in the industry. Not a day goes by when we aren't working on building a better product.

Best-In-Class Warranty

At Weather Shield, we do more than talk about our dedication to craftsmanship and quality materials. We back our products with a warranty against defects in material or workmanship for a period of 20 years, and against wood rot on all clad products for 30 years*. So you can be confident you're getting an outstanding product from a trustworthy company.

Design Flexibility

When you design with Weather Shield, you have options. Our casements alone allow you to create more than 6,000,000 different configurations.

Choose from an impressive array of wood interiors and finishes, along with a myriad of exterior colors. We also offer some of the industry's largest expanses of glass for framing spectacular views. Whatever the style, whatever the size, nobody gives you more choices than Weather Shield.

Energy Efficiency Without Sacrifice

Through our innovative use of materials and design, we're able to offer industrial strength efficiency with refined appearance. We're very deliberate in our use of energy efficient materials to drive performance where it matters most. We're proud to offer an extensive number of beautifully designed ENERGY STAR® rated products.

Family Owned and Operated

For more than 65 years, Weather Shield has remained a family-owned and operated company. That allows us the freedom to take a long-term perspective and keep our focus on serving customer needs rather than a singular focus of achieving quarterly financial targets.

As we've grown to become a respected national brand, we've seen technology and materials evolve. But our core values have never changed. Today, we remain dedicated to building long-term relationships and crafting innovative products that meet the needs of our customers.

^{*}For more specific information regarding our warranty, visit weathershield.com/warranties.

ARCHITECTURALLY INSPIRED, TECHNOLOGICALLY ADVANCED

Our double hung windows represent a one-of-a-kind approach to a popular choice in home design. With the versatility to open from the top or bottom, a breath of fresh air is never out of reach. From robust ventilation to energy efficiency and ease of use, double hung windows are a timeless classic.



All-Wood Double Hung Windows

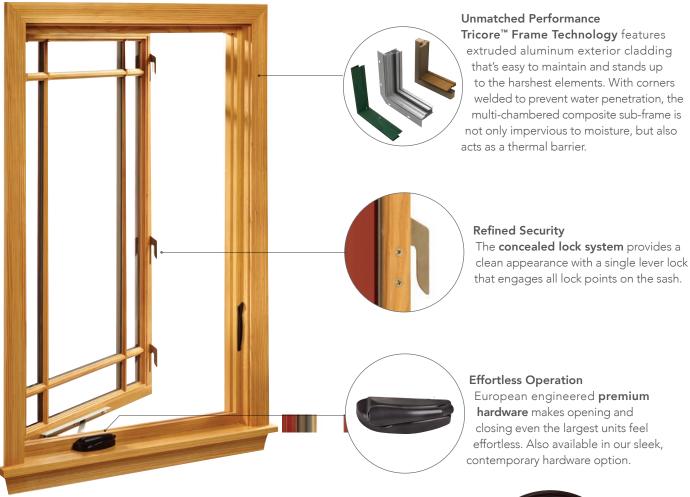
Our **all-wood products** not only offer excellent durability, but they also offer a level of elegance and historical accuracy that only wood windows and doors can provide. Available in a variety of wood species capable of matching any decor. See full product details at weathershield.com.





THE ELEGANT BEAUTY OF CLASSIC DESIGN

Our casement windows are a marriage of great looks and uncompromising performance. Hinged on the side to open with a hand crank, casements are a flexible option for use alone, in series, or in combination with awning or specialty shape windows.



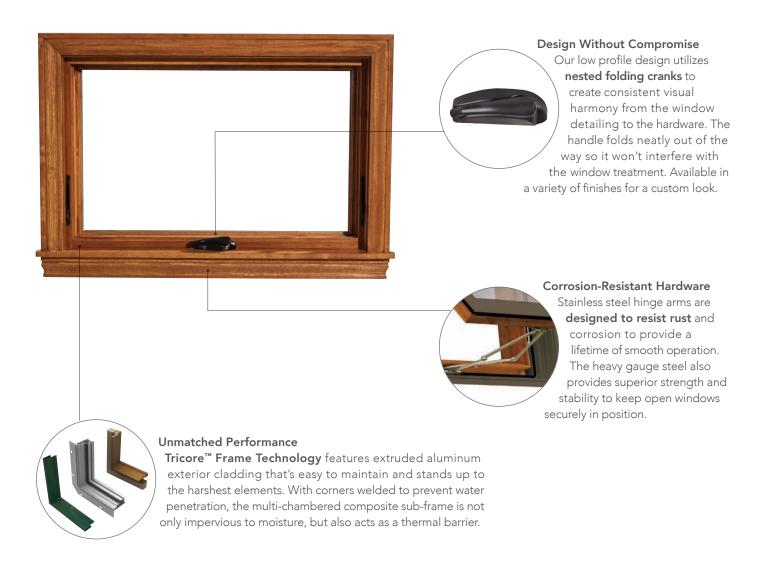
Push-Out Casement Windows

Our **push-out casement** windows offer unique design options as an alternative to operator casement windows. It operates easily with just a turn of the handle featuring the latest technology with traditional and minimalist look and feel. View hardware options on page 38.



LET IN THE BREEZE, KEEP OUT THE RAIN

Awning windows are a great choice for creating imaginative, contemporary designs that let you control ventilation. Hinged to swing out from the bottom, they're an ideal component for finishing dramatic and functional expanses of glass.





Low Maintenance Exterior

The aluminum-clad exterior **stands up to years of exposure** in the harshest environments.

All-Weather Ventilation

Our awning windows give you greater control over airflow.

AWNING WINDOWS



WINDOWS SHOWN:

Configuration: Awning

Interior Finish: Pine with Prefinished White

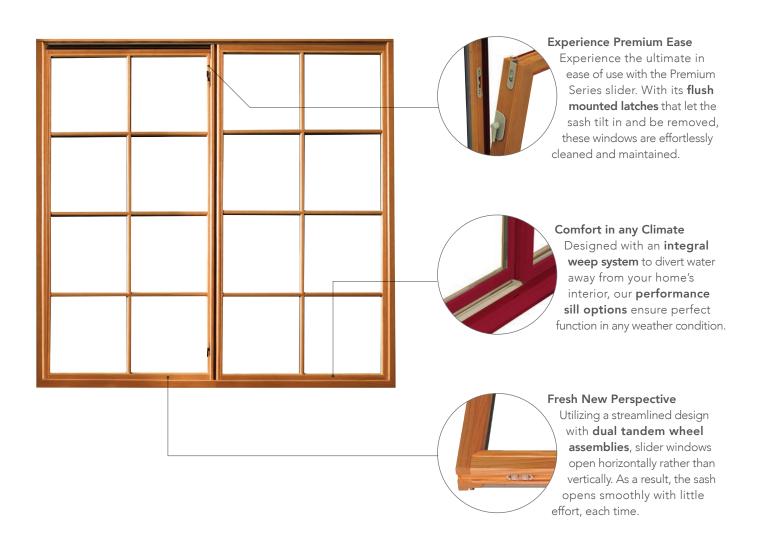
Hardware Finish: White

Features: Insulated Low-E with Argon

SLIDER WINDOWS WINDOWS SHOWN: Configuration: Double Slider Interior Finish: Mixed Grain Fir with Clear Satin Stain Hardware Finish: Black Features: 5/8" Simulated Divided Lite

A BOLD OUTLOOK

Narrow sash. Clean lines. A simple and beautiful design that provides a wide-open view to the world. The Premium Series slider window is ideal for creating maximum ventilation with minimal space. Our innovative four-point roller system ensures silent, smooth operation for the life of the window and comes in a variety of color, style, material, and finishing options — giving you ultimate freedom to choose.



Customizable Combinations

Personalize your space by choosing from numerous options, completely tailored to your tastes and needs. Slider windows can be structured with end vents, and in double or triple configurations, to achieve any desired goal — like letting in more natural light and fresh air to ensure you feel perfectly at home.





END VENT (EQUAL LITE)

ENDLESS OPTIONS TO FRAME YOUR WORLD

Let your thoughts take shape with our Premium Series specialty shape windows. Choose among limitless sizes, shapes and styles – as well as finishes, colors and materials – to create a unique architectural flair all your own. But the benefits don't end there; these windows still offer all of the energy efficiency and durability we're known for.









STANDARD FRAME

Creativity Knows No Bounds

Contemporary sleek design provides abundant light in any room, as the glass is directly glazed into the frames of our specialty shape windows. The simulated sash option gives the appearance of a true sash window with the performance of a direct-set, stationary option.



HALF CIRCLE



CIRCLE



WITHLEGS



QUARTER EVERROW/



TRIANGLE. LEET/RIGHT



OCTAGON

Dreams Take Shape

Satisfy your creative urges with a wide range of window shapes and sizes to perfectly suit your space.



HALF CIRCLE WITH LEGS



OUARTER CIRCLE



TRAPF7OID



PENTAGON



RECTANGLE

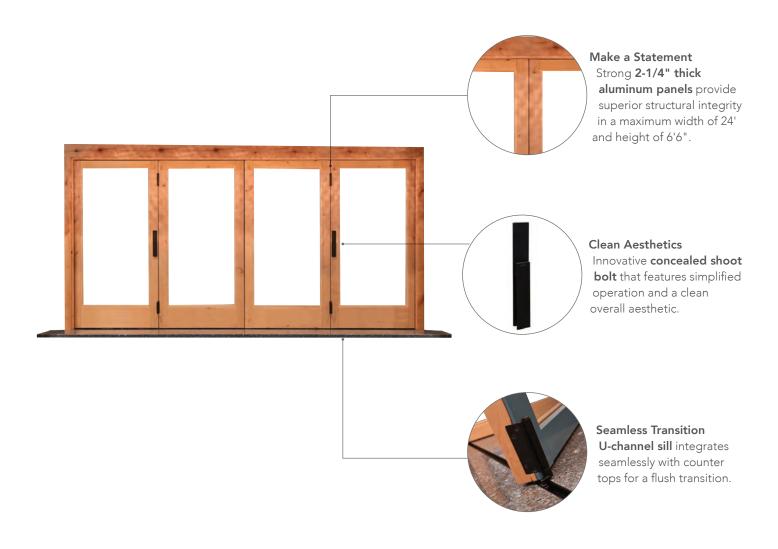
In addition to the Premium Series direct-set windows shown here, the following shapes are also available: Arch Top, Diamond, Hexagon, Parallelogram, Full Circle and other custom shapes upon request.





WINDOWS WITHOUT LIMITS

Create a statement piece that is as striking as it is functional. Our bi-fold windows provide effortless operation and wide open views that can be perfectly tailored to any space — without compromise. Utilizing the same innovative design as our best-selling bi-fold doors, these windows combine a crisp, clean aesthetic with abundant fresh air and a range of premium style options.

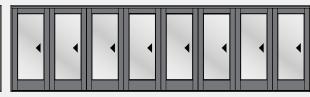


The Setup That's Right for You

Our bi-fold windows are available in a variety of configurations to ensure they best suit your needs. With anywhere from **two to eight panels**, virtually any size opening can be accommodated. Panels fold neatly into a non-pocketed configuration that showcase the beauty of your windows at all times.



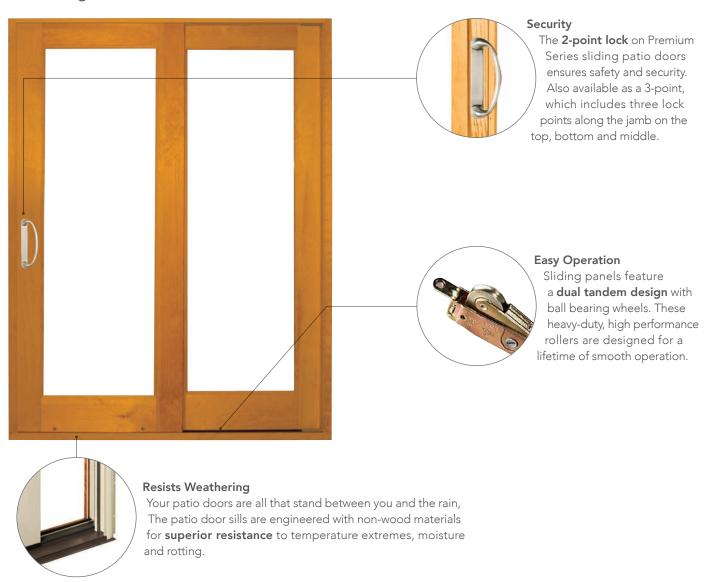




FIGHT PANEL

AN OPEN INVITATION TO THE OUTDOORS

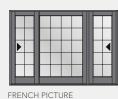
Our sliding patio doors let you effortlessly open up your home to a balcony, patio, pool deck or backyard. These architectural-grade panels give you a myriad of choices for exterior and interior finishes to achieve the perfect look for your home and bring the outdoors in.

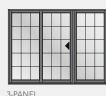


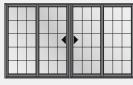
Design with Style

Premium Series sliding patio doors are available in two distinctive rail heights: the thicker, classic French rail for a traditional look or the contemporary narrow rail for a more modern aesthetic. All are available with up to four panels and can be combined with sidelites or transoms for added elegance and drama.









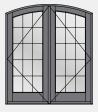




GRAND OPENINGS

Open your home to the great outdoors and get swept away by our Premium Series hinged patio door. With its traditional styling and French door operation, it embellishes entrances with timeless architectural grace. Daylight and fresh air flows freely into any space while endless design combinations allow for your home to shine uniquely amongst the crowd.





EYEBROW DOOR



ARBOR SERIES DOOR



CENTER-HINGED DOOR



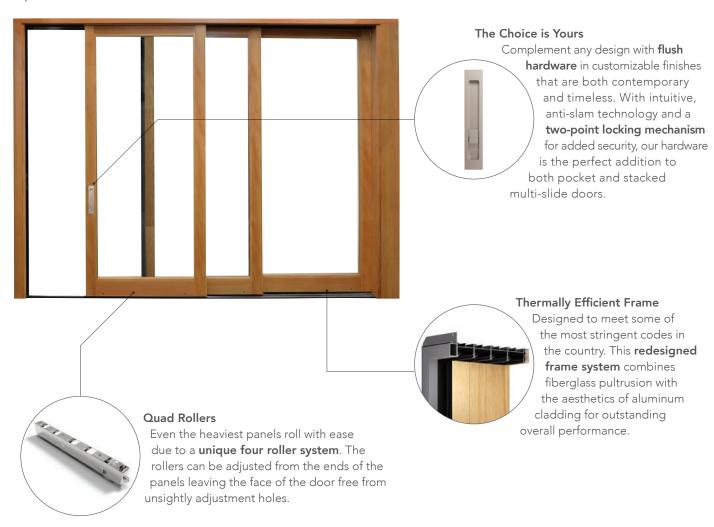
FULL RADIUS DOOR

Keep Your Options Open

If it comes down to options, our hinged patio door brushes all competition aside. These doors are available in a **wide variety of styles** and operations. Inswing or outswing door operations can accommodate the room arrangements. Raised panel doors, Arbor Series designs and either eyebrow or full radius panels provide endless choices for almost any architectural style. Whatever your design, the Premium Series hinged patio door has the solution.

OPEN THE DOOR TO INNOVATION

Experience luxe, minimalistic design that maximizes your space. Our multi-slide doors offer exceptional efficiency, clean lines and panoramic views — creating a seamless transition between your home and the great outdoors. With options as expansive as 50 feet wide and 10 feet high, all you have to do is accept nature's open invitation.



Configured Just For You

Striking the perfect balance between beauty and utility, our dynamic multi-slide doors are the perfect solution whether you're entertaining guests or enjoying unobstructed views. Available in a variety of groupings ranging from two to ten panels, they can also be hidden inside the wall in a pocketed configuration or act as traditional sliding doors with one panel remaining exposed when fully open.









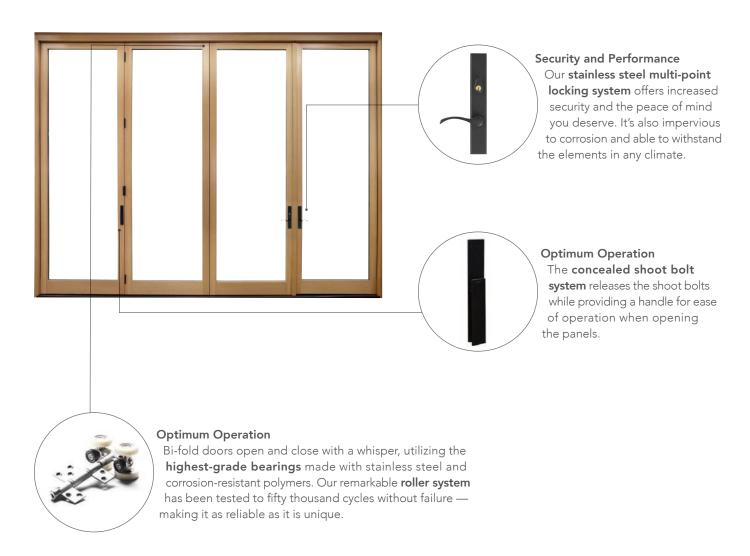
TWO PANELS

TEN PANELS



GIVE YOUR SPACE A FRESH PERSPECTIVE

Our bi-fold doors work in any setting, with any style — allowing you to open your home to nature and experience the absolute best of indoor/outdoor space. Choose from contemporary and traditional designs, custom finishes and configuration options of two to eight panels.



Superior Engineering

Our expanded sill offering is available on our bi-fold doors and windows; improving performance levels and allowing design flexibility with any project. Visit our website for detailed specifications.











EXTERIOR COLOR OPTIONS

To help you get the exact look you desire, we offer an ever-expanding palette of durable and distinct exterior color options rated to the highest industry standards for color retention. Our Premium windows and doors are available in 12 standard and 45 designer colors, 8 anodized and 4 radiant metallic colors, with unlimited custom color match aluminum finishes.



Designer Exterior Colors



Anodized Exterior Aluminum Finishes



Textured Exterior Aluminum Finishes



Finishes and colors shown may not be actual representations. Please visit an authorized Weather Shield dealer for color samples.



INTERIOR WOOD OPTIONS

Every home is different. So we give you choices to add your own special touch. Choose the wood grain and color that complement your design. Then add warmth and beauty with our factory finishes. Whether subtle or stunning, you'll find options to make a lasting impression.

Rich Wood Interiors

With eight wood species to choose from, there's sure to be one perfect for your home. For a truly unique look, other wood species are available upon request.



PINE (STANDARD)



OAK



MAPLE



ALDER (CHARACTER)



CHERRY



MAHOGANY

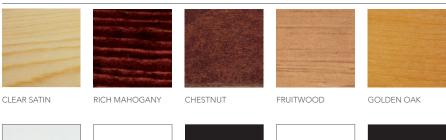


MIXED GRAIN FIR



VERTICAL GRAIN FIR

FACTORY FINISHES ON PINE



Durable Factory Finishes

Save time and money with our factory finishing. The wood is stained and sealed on all surfaces to repel moisture and includes two Clear Satin top coats for durability and easy cleaning.









PAINT



PAINT



Designer Stains

Explore our new furniture-grade stain offering created in partnership with leading paint and coatings manufacturer Sherwin-Williams®. These new stains provide clean, vivid colors with high pigmentation for excellent clarity and uniformity.

PROUDLY FINISHED WITH SHERWIN-WILLIAMS.

7 Step Process

BROWN

Our intensive seven step process creates a long-lasting premium finish that will protect and enhance the beauty of your windows and doors for years to come.

7 STEPS TO CREATE A FURNITURE GRADE STAIN





REFLECTIONS OF QUALITY

From specialty glass to high-end glazing, our windows are truly a cut above the rest. Add color and texture options to the glass in your home while enjoying the energy efficiency and quality for which we're known best.

Specialty Glass Options

Add color or texture — or privacy and modesty — to your palette of design options. Special finishes and tint can give a project distinction. Specialty glass includes bronze, gray, rain and obscure.













BRONZE

GRAY

RAIN GLASS

OBSCURE GLASS

SATIN ETCH

High Quality Glaze

Maximize your windows' energy efficiency with the exclusive **Zo-e-shield® glazing system**. With powerful layers of Low-E coating, and inert gas-filled insulating airspace, our glazing options represent the ultimate in energy efficiency for any climate.

Glazing Options



Insulated Low-E

All Climate

- Minimizes the sun's heat and damaging UV rays in warmer months
- Reflects the sun's heat back into room during cooler months



Zo-e-shield 5

Ultimate Solar Control

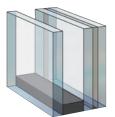
- Strong resistance to the sun's glaring heat
- Excellent insulating value.
- Excellent protection against damaging UV rays
- Maintains great clarity



Zo-e-shield 55

Plus Room Side Low-E

- Combination of two low-e coatings
- Significantly improved energy efficiency
- Complies with northern Energy Star guidelines with interior LoE i89 coating



Zo-e-shield 6 Zo-e-shield 5 Plus Laminated Interior

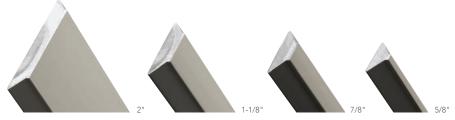
- Best resistance available to the sun's heat
- Minimizes glare and visible light transmittance
- Superior sound control and UV protection



Zo-e-shield 7
Triple Glazed with
5 Coats of Low-E

- Great insulating value
- Controls glare and blocks the sun's heat in warmer months
- Excellent for use in all climate regions

Putty Exterior Aluminum Profile



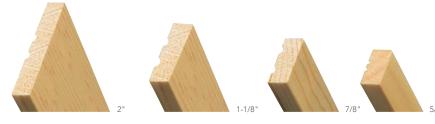
Colonial Interior Wood Profile



Putty Interior Wood Profile



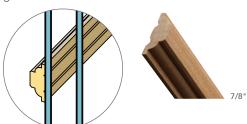
Square Interior Wood Profile

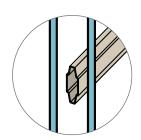


Innovative Design; Classic Appeal The best of modern energy efficiency meets old-world charm in Simulated Divided Lite (SDL) grilles. While mimicking the look of classic single-pane windows, SDL grilles offer exterior and interior grille bars either with or without an aluminum spacer bar — translating to powerful insulation and innovation.

Framed With You in Mind

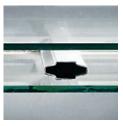
Featuring a unique **perimeter grille frame design** that rests on the inside of the unit, Weather Shield windows employ a concealed pin system to snap the perimeter grille frame securely into place. These grilles can be easily removed in order to clean the entire interior glass surface.

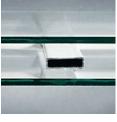




Grilles Between the Glass

Airspace Grilles seal aluminum grille bars in either a sculpted or flat design between two panes of glass. Resulting in a classic aesthetic that is easy to clean and maintain.





11/16" SCULPTURED

5/8" FLAT



SCREEN AND TRIM OPTIONS

Weather Shield's high-visibility screen options maximize your view and allow more light to flow in. Then add unparalleled design flexibility and customization with our wood interior and aluminum exterior trim options. Available for curved and angle-shaped windows and doors, adding distinctive architectural detail.

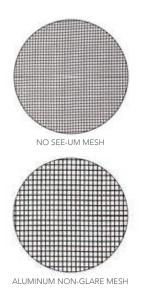
Screen Options

Screens allow you to enjoy fresh air flow throughout your home all while keeping out pesky insects. Our High-Visibility, No See-um screen cloth utilizes a much finer mesh that offers more air flow along with better optical clarity. Also available in aluminum, non-glare mesh.

Retractable and Wood Screen

Our retractable screen offers unmatched operation with a fully concealed screen channel that maximizes your viewing area. Engineered brake system allows for hands free operation and smooth screen retraction with fully concealed screen components creating a tailored upscale aesthetic.

Hinged from the side, and easily removed for repairs or maintenance, our wood hinged screen option welcomes the natural wood character into your home.





Exterior Trim Options

Our exterior trim accessories allow for a clean and finished exterior look. Available in any of our standard, designer, radiant metallic, or anodized aluminum finishes, these exterior casings add an ideal finishing touch.



Interior Trim Options

Available in any of our rich wood interiors and finishes, these trims are expertly dried, milled and jointed together reflecting the quality you expect.



Commercial Custom Design Solutions

Weather Shield specializes in engineering the perfect solution for your unique window and door challenges. From the replication of historical trim to the creation of custom aluminum extrusions, Weather Shield has the expertise to ensure the success of your next commercial project:

- Custom aluminum extrusions
- Specialized paint and anodized finishing





MAKE A STATEMENT WITH STUNNING HARDWARE

Hardware makes a dramatic statement on any door or window, gracefully transforming the aesthetic to achieve maximum visual effect. Complement and enhance the style of any space with our curated line of finishes and designs.

Finish First

Window hardware finishes are available in an array of colors and textures to suit any user's tastes. Options range from ultra modern brushed nickel to sleek black, allowing you to achieve any desired look.

PUSH OUT HARDWARE** Window Hardware Finishes Casement and Awning Hardware WHITE BRUSHED BRIGHT BRASS NESTED FOLDING CRANK RUSTIC BRONZE BLACK POLISHED CHROME*

Finish options shown may not be accurate representations. Actual color samples are available upon request.

Double Hung Hardware



CONTEMPORARY SASH LOCK



CONTEMPORARY LIFT HANDLE



HISTORICAL SASH LOCK



TRANSITIONAL

HISTORICAL FINGER LIFT



CONTEMPORARY

HISTORICAL PULL

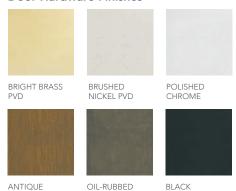
^{*}Polished Chrome only available for contemporary hardware.

^{**} Push Out hardware only available in Black, Rustic Bronze, and Brushed Nickel

The Perfect Finishing Touch

Discover the full range of **patio door** hardware finishes – from classic to contemporary, luxurious to minimalist and experience the power of design to shape your perspective.

Hinged and Standard Sliding **Door Hardware Finishes**



Specialty Sliding and Multi-Slide **Door Hardware Finishes**







Superior Security

THREE-POINT LOCKING SYSTEM

All hinged patio and bi-fold door hardware come standard with a three-point locking system for added security and peace of mind.

All finishes not available on all hardware. Please visit authorized Weather Shield dealer for finish options.

Safe and Secure

BRASS

PVD

Place your confidence in our sliding patio doors, which feature a two- or three-point locking system for an additional safeguard and defense.

All finishes not available on all hardware. Please visit authorized Weather Shield dealer for finish options.



SLIDING PATIO DOOR TWO-POINT LOCKING SYSTEM









ATLANTA DALLAS

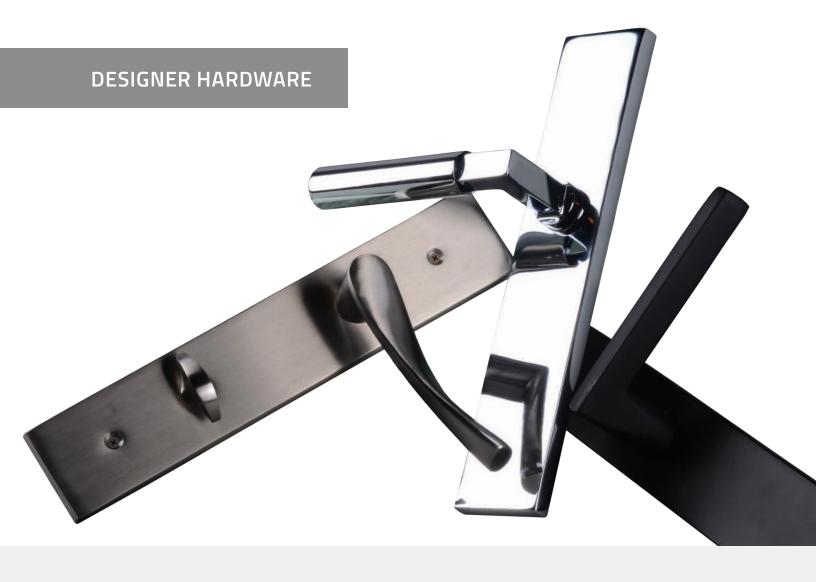
SPECIALTY SLIDING DOORS







MULTI-SLIDE DOOR



LEADING EDGE HARDWARE TO PERFECT YOUR DOORS

High-end architectural hardware offered in a range of luxurious styles and rich finishes that best express your personal style and are perfect for making just the right statement in your home. See our full offering by visiting our website at weathershield.com



Baldwin Collection

Baldwin hardware is highly ranked for its quality and revered for the security of its locks and latches. Explore a range of luxurious tones and rich finishes that complement Baldwin's superior manufacturing.



Finishes and colors shown may not be actual representations. Please visit an authorized Weather Shield dealer for color samples. All finishes not available on all hardware. Please visit an authorized Weather Shield dealer for finish options.

BRASS BASE MATERIAL



Ashley Norton Collection

Ashley Norton is a leader in the high-end architectural hardware industry, with a collection of designs, finishes, and styles to suit the tastes of the most discerning customers.



BRONZE BASE MATERIAL





EMTEK Collection

Express your personal style with these offerings from the EMTEK Collection. All options are customizable and represent the best in craftsmanship and design — perfect for making just the right statement in your home.





HOPPE Collection

The hardware experts behind the HOPPE collection have ensured that each offering brings the best in safety and endurance to their unique line. Experience high performance and sleek design with these diverse options.



ARCHITECTURAL SERVICES



WINDOWS SHOWN:

Configuration: Picture
Exterior Color: White
Glass: Zo-e-shield 5 Extreme

Features: FSC-Certified Wood

ARCHITECTURAL SERVICES

Weather Shield's architectural team is here to help you solve your design challenges. Whether you're dealing with the requirements of a historic renovation, designing a one-of-a-kind configuration or facing stringent structural or thermal demands, we're ready, willing and able to help you get it right.

WEATHER SHIELD PRODUCTS ARE IDEALLY SUITED FOR SEVERAL COMMERCIAL PROJECT TYPES

- Educational Facilities
- Office Buildings
- Retail Buildings
- Restaurants
- Hotels/Resorts

- Recreational Facilities
- Religious Facilities
- Municipal Buildings
- Government Facilities
- Assisted Living

- Senior Housing
- Adaptive Re-use
- Historic Projects
- Multi-Family

BUILD IT RIGHT. STAND BEHIND IT.

We design and manufacture stunning windows and doors that perform to the highest standards. Energy efficiency at every stage makes thermal performance only the beginning. Weather Shield offers sustainable production, energy efficient designs and glass coatings, LEED assistance for architects and builders.





PRE-PROJECT ARCHITECTURAL CONSULTATION SERVICES

- Specification writing
- Assistance with product selection
- Custom product design consultation
- Code Compliance assessment
- Test Reports
- LEED Assistances
- Samples and submittals
- Complete project management

ARCHITECTURAL TOOLS

- Detailed 2D CAD Library
- 3D Revit Models/BIM Library
- Rapid prototyping/solid modeling
- AIA continuing education programs



STARTING YOUR NEXT PROJECT

To contact a specialist in our architectural consultation group, call **1-800-538-8836**.

Business hours are 8:00 am - 5:00 pm CST, Monday - Friday.

Or email archservices@weathershield.com.

For drawing and technical information and to find a dealer in your area visit **weathershield.com**.



PREMIUM SERIES

WEATHER SHIELD.
WINDOWS & DOORS

800.222.2995 weathershield.com