

# WINDOWS PATIO DOORS



# It's time to fall in love with your home all over again.

Whether you're replacing your old windows because they're broken, drafty, or require too much maintenance, we know you have lots of questions. There are many considerations—glass, window frame material, style, hardware, color and warranty to name a few. But most importantly, you want the job done right. You want it to be a smooth, easy process, and you want it to be done by a company you can trust before, during and after installation.



That's why you want Renewal by Andersen. We offer a start-to-finish process. All you need to do is sit back and relax, knowing you made the right choice in window replacement.

Renewal by Andersen window replacement.

Renewal by Andersen window replacement.

The Better Way to a Better Window



# The Renewal by Andersen Process is Easy...



### Get Started

Give us a call, visit our website or stop by one of our showrooms to schedule a **FREE** in-home consultation.

Set Up a Time to Meet

We will meet in the comfort of your home at a time convenient for you to discuss your project.

Sit Back and Relax

You've selected a professional company that can handle the entire replacement process from start-to-finish.



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# The Renewal by Andersen® Difference

#### Peace of Mind Comes Standard

Renewal by Andersen is the exclusive start-to-finish window replacement subsidiary of Andersen Corporation, the most recognized window brand in the United States.

We were founded with a mission to change the window replacement industry by offering a 'different and better' window replacement experience. We own the process from sales through installation and service, and we promise one-stop accountability.

See for yourself the difference our standards for quality and service will make in your window and door replacement experience. We make it easy.

Start-to-Finish Process

Experience

Professional Installation

Innovative Materials

Limited Warranty

= Complete Customer Satisfaction



# **An Unmatched History**

Founded in 1903, Andersen Corporation quickly revolutionized the way windows were built and installed. Over the years, Andersen has introduced many industry firsts. Andersen continues to be a leader in producing products that last longer, look better and function smoothly for many years.

To this day, Andersen Corporation operates under the core principles founder Hans Andersen put in place over a century ago. When you purchase Renewal by Andersen windows, you're purchasing time-tested innovation, and a piece of history that will last for years to come.<sup>1</sup>







### **Customer Service**



Our professional sales consultants and expert installation teams are with you every step of the way.

#### **Products**



Innovative products and features are available throughout our product line.

## **Professional Installation**



Our installers are experienced and understand the many critical steps involved with installing your new windows and doors properly.

# **Limited Warranty**



We offer one of the strongest limited warranties of any window and door manufacturer and it is fully transferable should you sell your home.1

# Customer-Focused Engineering and Innovation

#### FUNCTIONAL DEGLIDEMENTS:

- Thermal analysis
- Structural análysis

#### ENGINEERING SOLUTION:

- Increase product performance

#### HOMEOWNER BENEFIT:

A strong balance of energy efficiency and strength, offering some of the largest casement window sizes.



FUNCTIONAL REQUIREMENTS:

- Hardware mechanics

#### ENGINEERING SOLUTION:

- Low profile hardware with fold-down nesting handle

#### HOMEOWNER BENEFIT:

Nesting casement window hardware reduces interference with window treatments.

# Exterior



#### FUNCTIONAL REQUIREMENTS

- Strengthen corner joints
- Increase window beauty

#### ENGINEERING SOLUTION:

- Utilize mortise-and-tenon corner joint

#### HOMEOWNER BENEFIT:

Unique corner key design increases structural integrity and beauty.



- Ease of cleaning

#### ENGINEERING SOLUTION

- Incorporate hardware that allows for accessibility

#### HOMEOWNER BENEFIT:

Ease and safety while cleaning your new windows – no more ladders!





With safety and convenience in mind, our double-hung, casement and gliding windows are easy to clean from the interior of your home.

# What are Renewal by Andersen® windows made of?

All of our windows are made of Fibrex® material, a revolutionary composite made from reclaimed wood fiber blended with a polymer. This gives our windows the strength and durability of wood, and the low-maintenance features of vinyl while greatly limiting thermal transmittance found in other window materials such as metal.

Warranted not to flake, rust, blister, peel, crack, pit, or corrode.1





# Interior

FUNCTIONAL REQUIREMENTS:

- Reduce air infiltration

#### ENGINEERING SOLUTION:

 Integrate weatherstrips into side jambs

#### HOMEOWNER BENEFIT:

Reinforced seals provide a high level of protection against drafts.

FUNCTIONAL REQUIREMENTS:

- Water management

#### ENGINEERING SOLUTION:

- Gravity
- Angled sill

#### HOMEOWNER BENEFIT:

Sloped sill drains water away from the window.





Double-Hung Window Pine Interior / Custom Grilles

#### FUNCTIONAL REOUIREMENTS:

- Sash design options and historical compatibility

#### **ENGINEERING SOLUTION**

Integrate interior and exterior grilles into window design

#### HOMEOWNER BENEFIT:

Add grilles to the inside, outside and even between the glass of your new window.



UNCTIONAL REOUIREMENTS:

- Window operation

#### ENGINEERING SOLUTION:

- Incorporate balancer system

#### HOMEOWNER BENEFIT:

Effortless opening and closing of window.

#### **SMART MATERIALS**

Fibrex® material is twice as strong as vinyl, so weathertight seals stay weathertight.

#### **COLOR CHOICE**

Our unique process fuses color to Fibrex® material for long-lasting beauty as well as offering dark exterior colors not available on most other replacement windows.

#### **EXCEPTIONAL COMFORT**

Fibrex® material blocks thermal transfer nearly 700 times better than aluminum to help reduce heating and cooling bills.

# EXCEPTIONAL DURABILITY

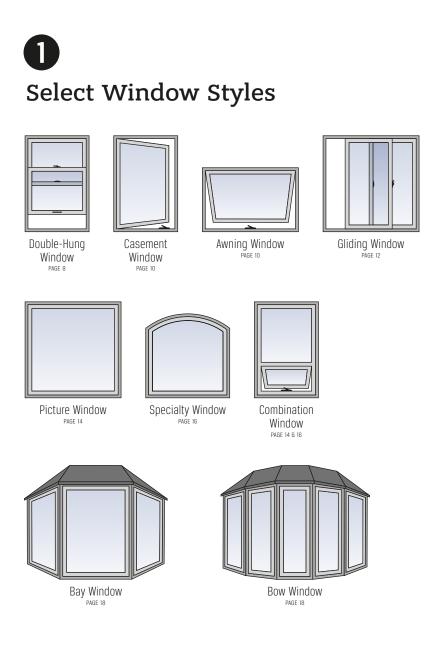
Fibrex® material retains its stability and rigidity in all climates.¹

|                                | A STATE OF THE PERSON NAMED IN |
|--------------------------------|--------------------------------|
|                                | Fibrex <sup>®</sup>            |
| Insulating Properties          | ✓                              |
| Low Maintenance                | √                              |
| Resistance to Decay/Corrosion  | ✓                              |
| Structural Rigidity (STATIONAR | ✓                              |
| Durable                        | <b>√</b>                       |
| Color/Finish Choices           | <b>√</b>                       |
| Maximum Glass Area             | ./                             |
| Dark Color Performance         | V                              |

|          | State of the last |           |        |
|----------|-------------------|-----------|--------|
| Aluminum | Fiberglass        | Vinyl     | Wood   |
|          | ✓                 | ✓         | ✓      |
| 1        | ✓                 | 1         |        |
|          | 7.100             | ✓         |        |
| 1        | ✓                 |           | 1      |
| 1        | ✓                 | 1.754±.01 | TYP\ _ |
|          | 1                 |           | 1      |
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# Choosing Renewal by Andersen® Windows is Easy...

The Renewal by Andersen process starts with our consultative sales approach. Our experienced sales representatives will work with you to find solutions to enhance your home's functionality, energy efficiency and beauty.





We make it easy so you can sit back and relax knowing you've selected a professional start-tofinish window replacement company.

# Select Hardware and Options

#### Grilles PAGE 20





Insect Screens PAGE 22





Hardware Finish PAGE 23





Glass PAGE 32











# Five Key Environmental and Energy Solutions

While we care about you and your home, we also care deeply for the world in which we all live.



See our Environmental and Energy Solutions Brochure for additional information.

# Double-**WINDOWS**

This classic window style is an excellent choice no matter where you live. Choose gently curved Contemporary or squared Traditional Check Rails.

#### **CONVENIENT**

Easy cleaning from the inside.

#### **ELEGANT**

Traditional look of mortise-andtenon styling.

#### **ACCURATE**

Appropriate for restoration and renovation projects.



Double-Hung Equal Window



Double-Hung Cottage Style Window



Double-Hung Reverse Cottage Style Window



#### Check Rail Options



Contemporary



Traditional

larger upper sash.



Double-Hung Windows / White Interior















# Casement and AWning **WINDOWS**

Casement windows catch a breeze and direct fresh air indoors, allowing the most ventilation of any window style. Awning windows let in fresh air, even on rainy days!

#### **EASY**

Casement windows open wide to allow easy cleaning of outside glass from the inside<sup>3</sup> and can be hinged from the right or left.

#### **EFFICIENT**

Casement and awning windows are our most energy-efficient ventilating window styles.



Casement Window



Casement Double Window

## **SECURE**

One lever positioned in an easy-to-reach location, securely locks the casement window at multiple points for a weathertight seal.

#### CONVENIENT

Awning windows are recommended for use over cabinets, counters, or areas where opening and closing require a reach.



**Awning** Window

to mimic the appearance of double-huna windows for a historically accurate look













# Gliding **WINDOWS**

Whether you're creating a new look or matching the original window style of your home, maximize your view with slim, easy to slide, contemporary gliding windows.

#### **BEAUTIFUL**

Narrow, contoured frames allow more glass viewing area.

#### **RELIABLE**

Fibrex® material tracks are shaped for easier cleaning and will not pit, rust or corrode.1



Gliding Window



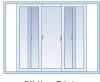
Gliding Fractional Vent Window

#### **VERSATILE**

Both sashes slide, so you can open either the left side, the right side or a portion of both.4

#### **UNIQUE**

A great solution when a projecting window may interfere with walkways, patios, decks, or landscaping.



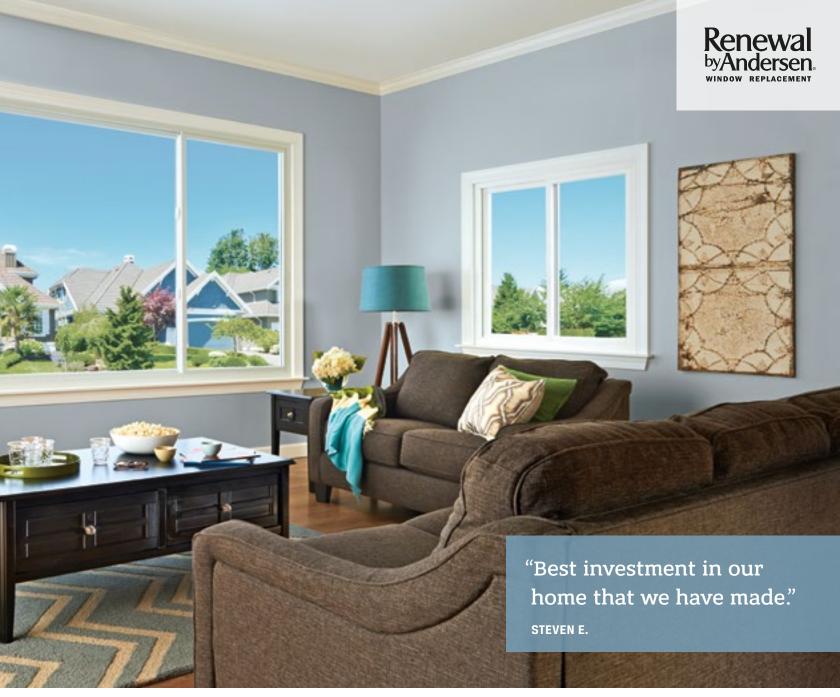
Gliding Triple Window

great way NOOL LOOW natural light













# How Window Performance is Rated

## **Energy Efficiency Rating**

To help homeowners, in 1992 the National Fenestration Rating Council (NFRC) established an independent third party rating, certification and labeling program for windows, doors and skylights (fenestration

products). Renewal by Andersen

displays the NFRC label on all of its

windows. This label means that the entire window unit has been rated

and certified, not just the center of

the glass or individual components.

See our Energy Efficiency brochure

for additional information.



Renewal by Andersen Casement Picture Window Dual-Pane Low-E4\* SmartSun Glazing with Argon Product Type: Fixed

**ENERGY PERFORMANCE RATINGS** 

0.26 | 1.48

Solar Heat Gain Coefficient
0.23

ADDITIONAL PERFORMANCE RATINGS Visible Transmittance Air Infiltration

0.00 0.53



Warm Weather Performance



**Cool Weather** Performance

# Picture

#### **WINDOWS**

Transform your home with picture windows that can stand alone beautifully or can be combined with other window styles for added curb appeal.

#### **ADAPTABLE**

Match or change your home's appearance by combining picture windows with other windows.

#### **STRONG**

Using strong Fibrex® material frames, our picture windows easily support the weight of the heavy glass commonly needed for large picture windows.

#### **VERSATILE**

Like all of our windows, picture window glass is available tempered, tinted, or in a wide variety of decorative patterns.



Picture Window



Fixed Picture Window



Combination Window











# **Schedule Your FREE** In-Home Consultation

- **Call** your local Renewal by Andersen representative
- Click over to RENEWALBYANDERSEN.COM
- → Visit your local Renewal by Andersen showroom





# Specialty **WINDOWS**

As unique as your home, our specialty windows are custom-made and available in many configurations.

#### **VERSATILE**

Specialty windows are available in thirteen different shapes and a wide variety of colors, grille patterns and glass options.

#### **STRONG**

Like picture windows, specialty windows don't open, but can be joined to any other window style for maximum design flexibility.5



Circle Renaissance Grilles



Circle Top™ Open Hub Sunburst Grilles



Quarter Circle Sunburst Grilles



Chord Sunburst Grilles



Springline™ Gothic Grilles



Springline™ Unequal Renaissance Grilles



Arch Equal Leg Prairie Grilles



Arch Unequal Leg Prairie Grilles



Trapezoid Colonial Grilles



Triangle Colonial Grilles



Peak Pentagon Prairie Grilles



Right Triangle Prairie Grilles



Pentagon Prairie Grilles



Octagon Colonial Grilles



Hexagon Colonial Grilles



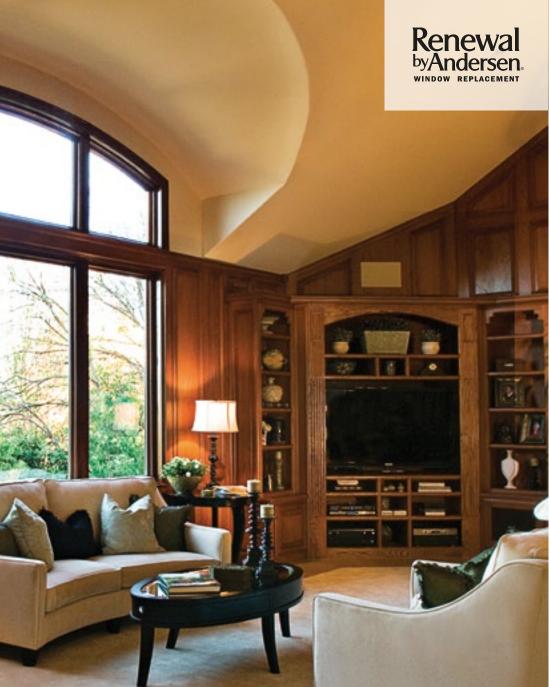
Custom Your Shape and Your Grille Pattern



Combination Window

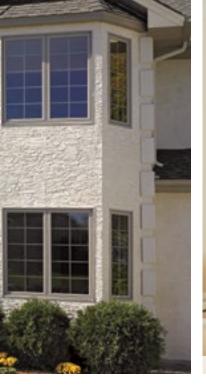














# Projection

Expand the possibilities with an elegant, gently arched bow window or an angled bay window to make your home feel larger and brighter. Make any room a masterpiece.

#### **VERSATILE**

Bay and bow windows can be used as a replacement in most large window openings.

#### **BOW**

Bow windows sweep away from the wall in a graceful arch of three, four, five or six windows.

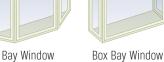
#### **FLEXIBLE**

Choose a combination of double-hung, casement, picture or awning windows.

#### **BAY**

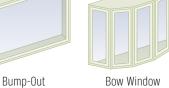
Bay windows are available in four projection angles up to a 90° box bay.







Bay Window



Shake roofs can be stained or painted to match your home











Painted

Shingles Shake

More Options



Hip Roof









Painted

Shingles

More Options Available

Concave Roof





Real Birch

Cameo White



Real Oak







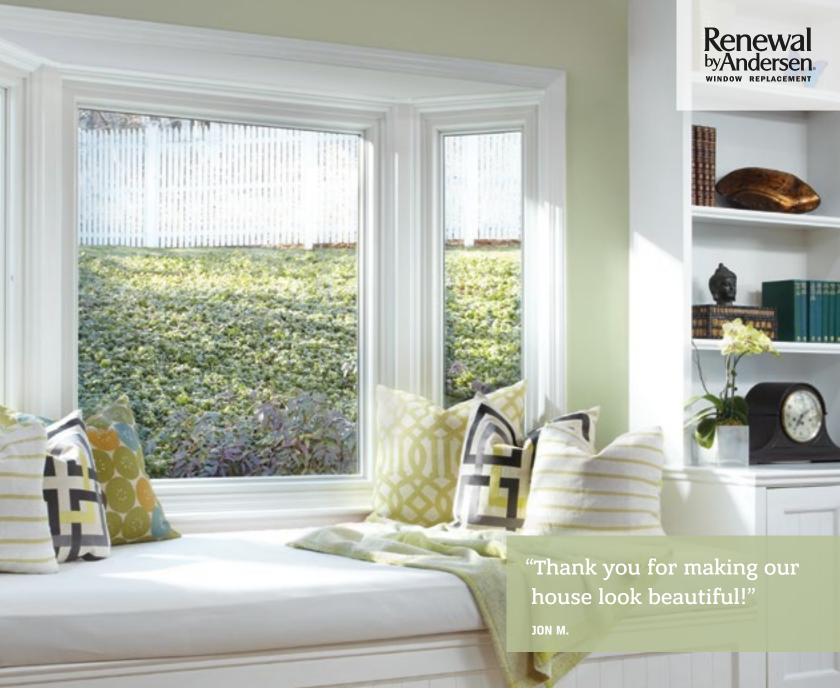




















# Grille OPTIONS

### **Customize Your** Windows

Renewal by Andersen offers a wide range of creative grille patterns to enhance the look of your home.

All of our grilles are designed to be long-lasting<sup>1</sup> with low-maintenance performance. With such a broad range of high-profile grille options, you can match your home's current architecture, change the look and style of your home or incorporate them into a renovation project for historical accuracy.

# Patterns



#### Colonial

Specific number of squares per sash.

Double-hung window shown



#### Farmhouse

Two vertical bars meet a wider horizontal rail or bar at the center of the window.



#### **Prairie**

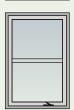
Two vertical and two horizontal bars per sash to form 4 inch corner squares.



#### **Modified Prairie**

Two vertical bars and one horizontal bar per sash.

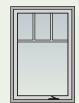
Double-hung window shown



#### Simulated Double-Hung

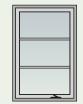
Preserve the look of a traditional window.

Casement window shown



#### Fractional

Specific number of vertical bars and horizontal bar.



#### **Equal Light**

Specified number of horizontal bars, equal distance apart.



#### Custom

Create a new pattern or revive one from the past.



#### More

Ask your replacement consultant for more grille options.





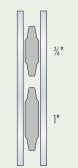
# **Profiles**



#### Full Divided Light Grilles

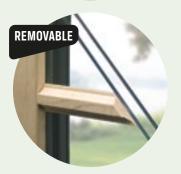
Full divided light grilles provide a visual representation of true divided glass. The option consists of a permanently applied exterior Fibrex® material grille, an aluminum spacer between the glass, and a removable or permanently applied interior grille. Available in two widths and an array of colors.

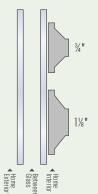




#### Grilles Between-the-Glass

Aluminum grilles are permanently installed between the panes during manufacturing, providing the beauty of grilles with the quick cleaning of a smooth glass surface. Available in two widths and an array of colors.





#### **Interior Wood Grilles**

Made of hardwood, these grilles snap into clips on the interior of the sash and can be easily removed to make glass cleaning a breeze. Available in two widths.







## Repel Invaders

Insect screens are included on every operable Renewal by Andersen® window. Each is lightweight and designed to be easily removed from the inside of your home for easy cleaning. All insect screens are constructed with an aluminum frame and your choice of fiberglass, aluminum or our innovative TruScene® insect screens. Half insect screens are available on double-hung windows.



# High Transparency



#### TruScene® Insect Screen

With over 50% more clarity than our standard insect screen,8 it's virtually invisible. TruScene insect screens are made with a micro-fine stainless steel mesh that's one-third the diameter of standard screen wire8 to let more fresh air and sunlight in, while keeping most of the smallest insects out.

light in

Superior ventilation

Protection against some of the smallest insects

technology



#### Wood-Veneered TruScene® Insect Screen

Our wood veneered TruScene® insect screen blends seamlessly into the window frame and can be stained or painted to match your decor. Available on casement and awning windows only.



Real Maple



Real Pine



Real Oak









# Conventional



#### Fiberglass Insect Screen

Fiberglass is the most common type of insect screen. It is strong and keeps the majority of bugs out while allowing plenty of air flow.



#### Aluminum Insect Screen

Our aluminum insect screen has a charcoal powder coating to reduce glare and increase visibility. It is also strong, and has good ventilation and corrosion resistance.

# Hardware Finish OPTIONS

# **Define Your Style**

Not only does Renewal by Andersen hardware function well, but its metal construction is also long-lasting. With multiple color options, you can match your home's existing colors or change the look by choosing a new color that complements your new windows.

With so many design options, you can create the windows you've always wanted with the design features that are right for you and your home.

Do you want to make your mark? With our Estate™ Hardware metal finishes, explore the many creative possibilities sure to add charm to your home that others will notice!

#### Estate Hardware EXCLUSIVE





Brushed Chrome













Bronze



Oil Rubbed

Standard Hardware











Nesting handles reduce interference with window treatments















# Choosing Andersen® Patio Doors Is Easy...

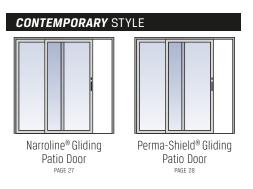
A beautiful and functional patio door can transform the way you use your living space. With more products, colors, and innovation in patio door replacement, we provide the perfect solution to worn-out patio doors.



## Select Patio Door Style

Choose a traditional or contemporary style patio door.







## Select Colors<sup>2</sup>

Choose a color and finish that complements your home's interior and exterior.





## Select Hardware and Options

Choose from a variety of hardware styles, finishes, locks and insect screen options.



# The Renewal by Andersen® Replacement Advantage

You're not just investing in a patio door. You're getting the Renewal by Andersen total solution.

- √ Factory authorized installers
- ✓ Protection of your home
- √ Job site setup
- ✓ Removal and disposal of old door
- ✓ Preparation of door opening
- ✓ Assembly of door frame and installation
- ✓ Setting, shimming, insulating and flashing
- ✓ Interior finishing
- Exterior finishing and sealing
- ✓ Hardware adjustment for proper operation
- ✓ On site product demonstration
- ✓ Cleanup of construction materials and waste
- √ Homeowner satisfaction







# Frenchwood®

#### **HINGED PATIO DOORS**

French doors are steeped in tradition and ours is no exception with traditional wide board stile and rail construction featuring mortise-andtenon joints. Choose stainable oak, maple, pine or prefinished white interior to complement your home.

#### **FLEXIBLE**

Provide a large opening for easy access to your home's exterior.

Constructed with a glass fiber-reinforced composite.

#### **DURABLE**

Exterior wood door panels are protected with a urethane based finish.

#### **VERSATILE**

**STRONG** 

Can be installed into most patio door openings, even in place of a gliding patio door.

#### Hinged Inswing Patio Doors Interior view shown

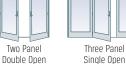


Single Open



Single Open







Hinged Outswing Patio Doors<sup>9</sup> Interior view shown







More Options

Outswing doors save interior space



#### Color Options<sup>2</sup>

#### INTERIOR



Real Maple

**EXTERIOR** 



Real Pine





Real Oak

Prefinished

White



Terratone

Cocoa Bean<sup>9</sup>

White Canvas<sup>9</sup>



Forest Green

Sandtone



Dark Bronze<sup>9</sup> Black<sup>9</sup>

# Frenchwood®

#### **GLIDING PATIO DOORS**

The same familiar style and exceptional features of our French doors are also available in a compact, space-saving design that glides like a dream. Choose stainable oak, maple, pine or prefinished white interior to complement your home.

#### **APPEALING**

French door design

Door easily slides

track rollers.

open on Andersen's

# **SECURE**

**PROTECTED** 

Frame is covered with a

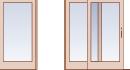
rigid vinyl sheath for an

attractive appearance with minimal maintenance.

Reach-out lock system provides increased security.

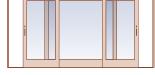
**EASY** 

in a space-saving gliding door format.

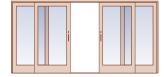


Stationary Panel

Two Panel



Three Panel



Four Panel



More Options Available

# Color Options<sup>2</sup>

#### INTERIOR











Real Pine Real Oak

Prefinished White10

#### Real Maple **EXTERIOR**



White

Dark Bronze9







Terratone



Canvas9

Black<sup>9</sup>

Sandtone

Forest Green

Red Rock9













# Narroline® **GLIDING PATIO DOORS**

The sleek, modern design of our contemporary gliding patio doors features thin frames for maximum glass area and doors that slide smoothly on Andersen's dual ball-bearing rollers with self-contained leveling adjusters. A reachout lock system provides increased security and weathertightness you can see in action.

#### **SIMPLE**

Stainable natural pine interior with mortiseand-tenon joints.

#### DURABLE

Exterior wood door panel is protected with a urethane-based finish.



Stationary Panel



Two Panel



Four Panel



More Options Available



YOUR STYLE Color Options<sup>2</sup>

#### INTERIOR



Real Pine

#### EXTERIOR









White

Canvas

Sandtone

Terratone





Dark Bronze

Black

# Perma-Shield®

#### **GLIDING PATIO DOORS**

The sleek, modern design of our contemporary gliding patio doors reduce the frame height to increase the glass area. Enjoy doors that slide smoothly on Andersen's dual ball-bearing rollers with self-contained leveling adjusters. A reachout lock system provides increased security and weathertightness.

#### **PROTECTED**

Rigid wood panels and frame are covered with a vinyl sheath that maintains an attractive appearance while minimizing maintenance



Two Panel







Canvas





















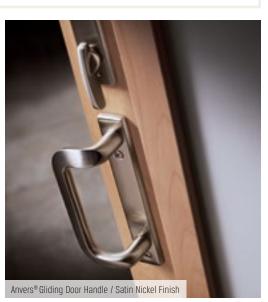
# Patio Door Hardware OPTIONS











# Patio Door Engineering

FUNCTIONAL REQUIREMENTS:

- "Performance Grade LC (Light Commerical)" water and air leakage resistance

#### ENGINEERING SOLUTION:

- Weatherstrip interlock system

#### HOMEOWNER BENEFIT:

Patio doors with a higher performance grade than other residential patio doors.



FUNCTIONAL REQUIREMENTS:

- Reduce water infiltration during extreme weather events

#### ENGINEERING SOLUTION:

- Contain and drain sill (Frenchwood® Patio Doors only)

#### HOMEOWNER BENEFIT:

Rare water infiltration, even in the worst storms, because excess water is contained, then drained away from the house.



Frenchwood Gliding Patio Door Pine Interior

#### FUNCTIONAL REQUIREMENTS:

- Door operation

#### ENGINEERING SOLUTION:

- Ball bearing track rollers

#### HOMEOWNER BENEFIT:

A gliding door that glides reliably and has superior weathertightness.



#### FUNCTIONAL REQUIREMENTS:

- Strengthen corner joints
- Increase patio door beauty

#### ENGINEERING SOLUTION:

- Mortise-and-tenon corner joint

#### HOMEOWNER BENEFIT:

Unique corner key design increases structural integrity and beauty.







# Patio Door Security



### Gliding Patio Door Locks

The unique Andersen® reach-out locking system pulls the door panel snugly into the jamb for weathertightness and enhanced security.



## Hinged Patio Door Locks

Five-point locking system improves energy efficiency and offers an increased level of security. Also available is an optional handle extension kit which creates additional clearance for interior blinds and shades.

## Grilles



#### Colonial

Specific number of squares per sash.

Frenchwood® hinged patio door shown



#### Tall Fractional

Specific number of vertical bars and one horizontal bar.

Frenchwood® gliding patio door shown



#### Custom

Create a new pattern or revive one from the past.

Frenchwood® gliding patio door shown



#### Prairie

Two vertical and two horizontal bars per sash to form 4 inch corner squares.

Narroline® gliding patio door shown



#### Short Fractional

Specific number of vertical bars and one horizontal bar.

Frenchwood® hinged patio door shown



#### More

Ask your replacement consultant for more grille options.

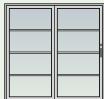
Frenchwood® hinged patio door shown



#### **Modified Prairie**

Two horizontal bars and one vertical bar per sash.

Narroline® gliding patio door shown



#### **Equal Light**

Specified number of horizontal bars, equal distance apart.

## Insect Screens

Hinged, double-hinged, gliding and retractable insect screens are options for your Andersen® patio doors, and are available in an exterior color to match your patio door.



#### Hinged Insect Screen

COMPATIBLE WITH: Frenchwood® hinged patio doors (one panel)



#### Gliding Insect Screen

COMPATIBLE WITH:

Frenchwood® hinged patio doors (two panel) All gliding patio doors



#### Double-Hinged Insect Screen

COMPATIBLE WITH: Frenchwood® hinged patio doors (two panel)



#### Retractable Insect Screen

COMPATIBLE WITH:

Frenchwood®hinged outswing patio doors14 All gliding patio doors

# Security



Exterior **Keyed Locks** 

COMPATIBLE WITH: All patio doors



#### **Auxiliary Foot Lock**

Offers an extra measure of security when the door is in the locked position. It can also hold the operating panel partially open.

COMPATIBLE WITH:

Gliding patio doors only

# Glass OPTIONS

# All the Right Rays

Each Renewal by Andersen® glass option offers four unique benefits for heating, cooling, visible light transfer and ultraviolet (UV) protection. The glass solution for you depends on the climate you live in, the architectural design of your home, and the orientation of your windows to the sun.

## Performance

#### HIGH-PERFORMANCE

#### Low-E4® SmartSun™ Glass



SmartSun™ glass is our most energy efficient glass option. It has our highest efficiency rating in cool weather and is exceptional in hot climates where solar heat gain can lead to excessive air conditioning expense. SmartSun™ glass lets in almost as much natural daylight as clear glass.

45% more energyefficient in winter<sup>15</sup>

70% more efficient in summer<sup>15</sup>

Blocks 95% of UV rays that can damage drapes,

#### artwork and furniture



#### HIGH-PERFORMANCE

#### Low-E4® Glass

Helps to keep your home warmer in winter, cooler in summer and filters most ultraviolet rays. Outstanding overall performance in climates where both heating and cooling costs are a concern.

45% more energyefficient in winter15 56% more efficient in summer<sup>15</sup>

Blocks 84% of harmful UV rays



#### **HIGH-PERFORMANCE**

#### Low-E4® SmartSun™ Glass with HeatLock<sup>™</sup> Technology

Meets today's most stringent energy codes and requirements.

The newest glass technology

Reflects escaping heat back into the room

Makes your living space feel warmer



#### HIGH-PERFORMANCE

#### Low-E4® Sun Glass

Sun glass has our highest rating against solar heat gain coming through your window to help keep your home cooler in warm weather. A tint coating reduces the amount of visible light and sunshine streaming in from the outside.

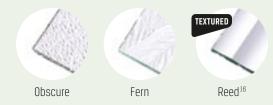
Includes a tint coating to reduce visible light

Highest rating against solar heat gain

Cascade<sup>16</sup>

Keeps your home cooler in warm weather

## Patterns



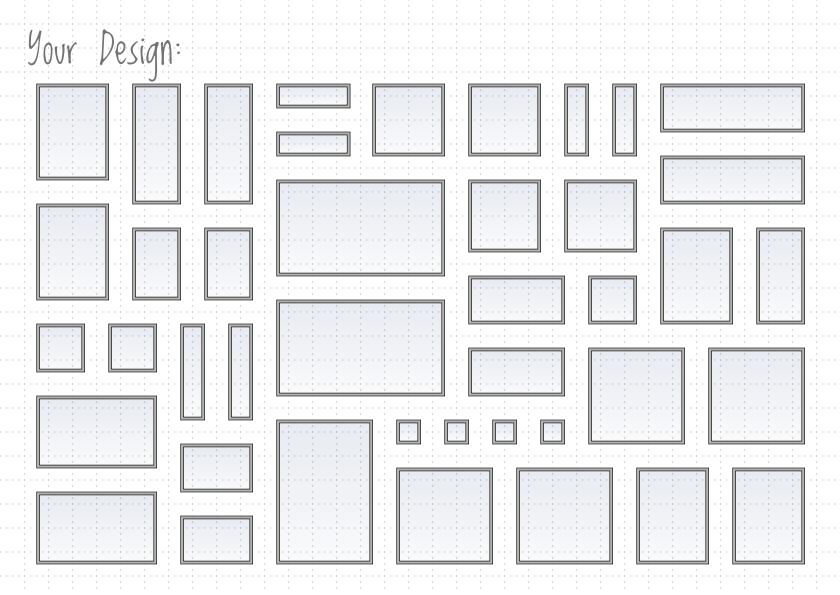
# Strength

Our tempered glass option is heat-treated to be at least four times stronger than regular glass.

# A Revolutionary Sash Design

Renewal by Andersen's combination of high standards in engineering and exclusive materials are critical components for energy efficiency and long-term performance. Our glass constructions are certified for durability by the world's leading organizations for the engineering and manufacturing of insulating glass.





# Your Window Replacement Consultant will help you along every step of your project by...

...listening to your needs

...providing solutions that may add value to your home

...helping you determine the best style for your home

...communicating your project's progress

...saving you time and stress





# **Industry-Leading Warranty**



# We stand behind our products and services.

The Renewal by Andersen limited warranty is one of the strongest you'll find on any window or door, at any price. It's non-prorated and fully transferable. Every window we make is labeled with our toll-free number, should you have any issues with your window. It's one more way that you know we're here for you now and well into the future.

### Your satisfaction is our measure for success.

Nationwide, a homeowner satisfaction survey is sent to each home after every project we do. Customer satisfaction is a primary component of the Renewal by Andersen culture. Your feedback has proven to be an invaluable asset as we continue our never ending mission to improve our products and services.

## Call us today.

We would love to help you with your replacement project.

# Window and Door Replacement from a Company You Can Trust®

**Don't just take our word for it.** Renewal by Andersen has long been committed to environmentally responsible products and manufacturing methods. Our efforts have been recognized by leading organizations with some of the most rigorous standards in the United States.









