



SLIDING WINDOWS FEATURES & BENEFITS

Easy operation
Dual metal rollers are durable and help insure smooth openings and closings.

A tight seal
Multiple weather-strips give you protection against air infiltration

Simple to clean
Sliding sash can be removed to clean exterior glass from inside your home

Design
Multiple grid styles and configurations are possible for whatever your application

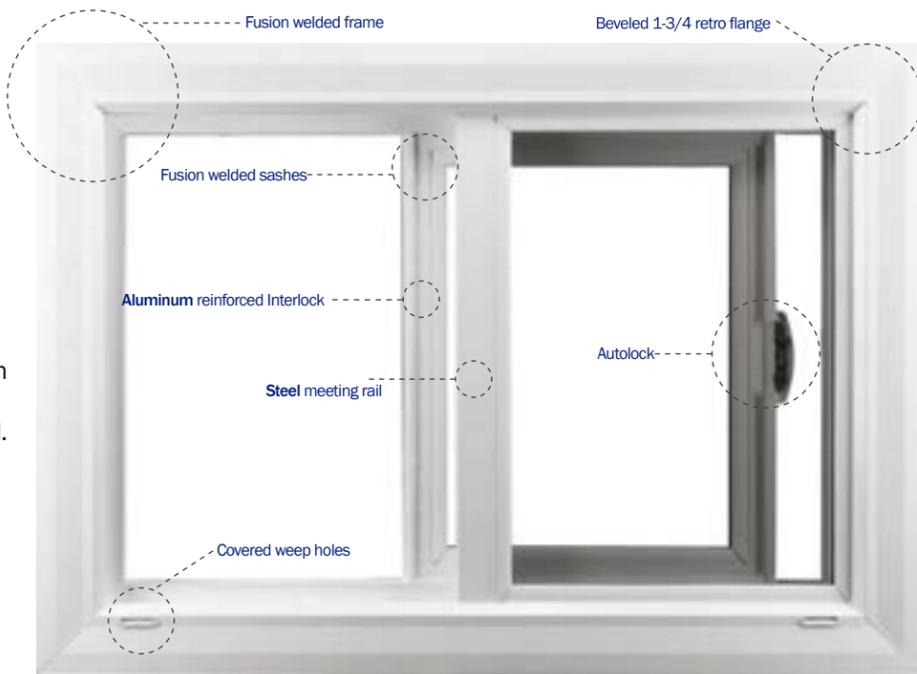
Security
Auto locks insure that every time you close the window your home is sealed, giving you security and peace of mind

Structural Integrity
The mechanically fastened joints of aluminum frames may admit air and water. Fusion-welded uPVC joints create an impervious seal.

Maintenance
Unlike aluminum and wood, uPVC is virtually maintenance free. It never needs paint, and requires only an occasional wash and wipe to clean.

Weatherability
Metals can corrode from exposure to weather and pollution. uPVC is naturally resistant to moisture and atmospheric pollutions such as acids, alkalis and salt air making it the perfect material to stand the test of time.

Energy Efficiency
The superior insulating properties of vinyl designed with heat reducing Multi-chambered profiles and Cardinal 366 glass Reduce Heat transfer up to 3 x that of standard single pane windows.



Imperial XO window, outside view

Standard colors



Options

- Standard and custom sizes
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)

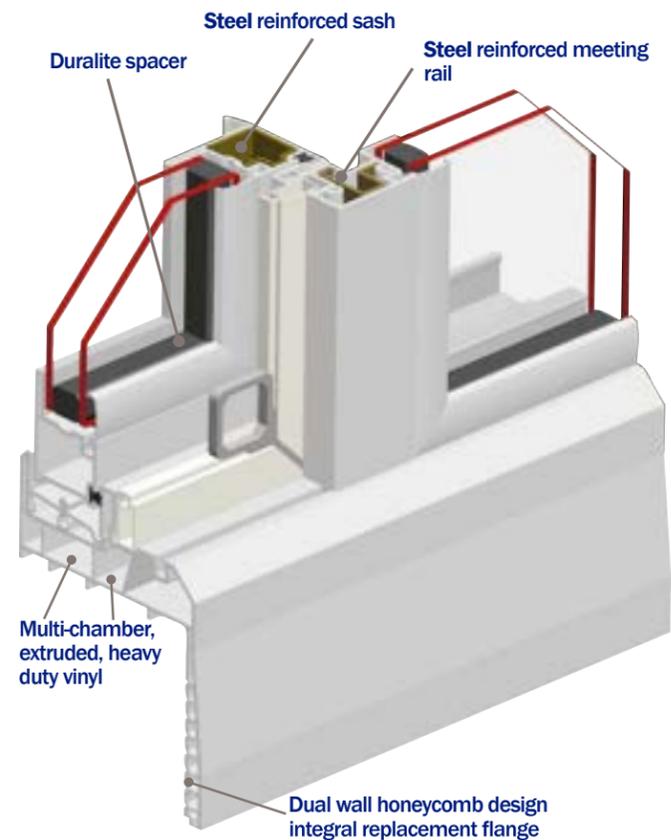
FRAME TYPES FOR REPLACEMENT & NEW CONSTRUCTION APPLICATIONS

IMPERIAL SLIDING WINDOWS

EXCEPTIONAL CONSTRUCTION AND DESIGN

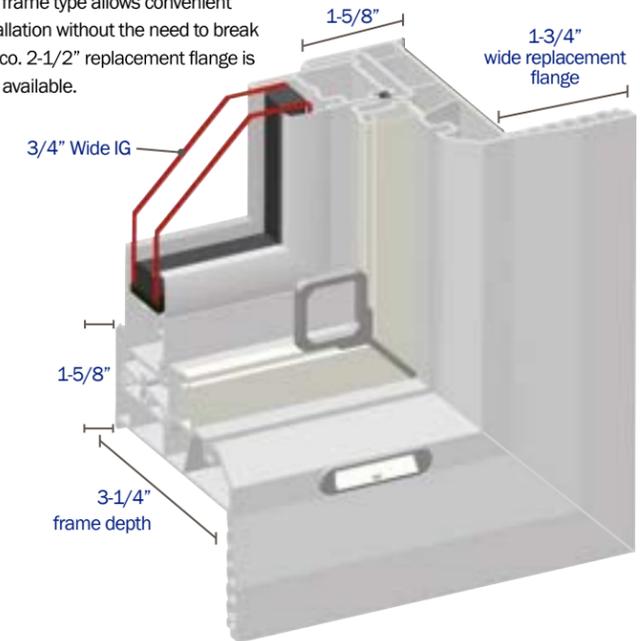
FRAME OPTIONS

- 1-3/4" standard and optional 2-1/2" replacement flange designed with heavy-duty dual wall
- 1" nailing fin set back in white or almond
- 1-3/8" nailing fin set back available in white



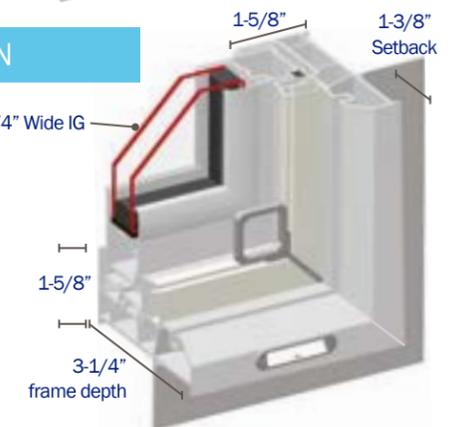
RETROFIT

For replacement applications. This frame type allows convenient installation without the need to break stucco. 2-1/2" replacement flange is also available.

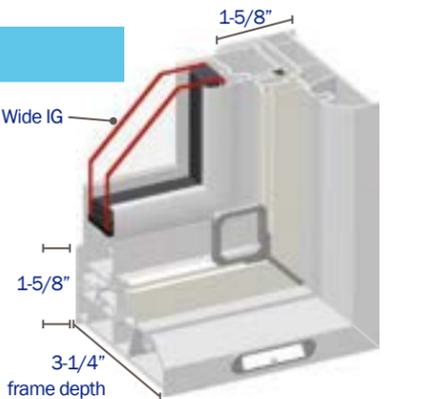


NAIL-ON

Nail-on frame allows for targeted installation in new construction applications and is available in 1" and 1-3/8" setback. 1-3/8" is only available in white.



BLOCK



Block frame is suitable for some replacement and new construction applications.

THERMAL, STRUCTURAL, & SOUND PERFORMANCE

| Imperial Horizontal Sliding Windows XO | | | Thermal Performance | | | | Structural Performance | Sound Transmission Class |
|--|-----------|------------|---------------------|----------|------|-----|------------------------|--|
| Glazing | | | Grids | U Factor | SHGC | VT | | |
| Dual | 2 mm LoE3 | 2 mm Clear | None | 0.28 | .32 | .53 | CR 62 | Class LC PG-30 Size tested 71 x 70" |
| | | | 3/4-5/8" | | .29 | .47 | | |
| | | | >1" | | .26 | .42 | | |
| | | | | | | | | STC 31 3/4" IG [1/8" annealed exterior, 7/16" Argon, 3/16" annealed interior] |

As tested with LoE3 glass, Duralite Spacer and Argon gas filled combined with clear glass.



✓ High Temperature Resistance up to 200 °F

The Onyx Collection boasts exceptional heat resistance, enduring temperatures of up to 200 °F. This surpasses standard vinyl options, typically rated for 162 °F, ensuring reliable performance for windows and doors, particularly in hot climates.

✓ Structurally Stable

Our engineering team guarantees that the Onyx profile offers optimal resistance to window warping. Factors like intense heat, prolonged sun exposure, and moisture can cause a profile to expand or shrink. Leveraging advanced proprietary technology, The ONYX Collection ensures consistent, dependable performance in all conditions.

✓ Lasting Upscale Color

The Onyx Collection retains its color despite environmental factors such as UV light, temperature changes, and varying conditions. Its distinct onyx shade matches well to many aluminum windows and doors. The color brings a modern aesthetic to your home or building providing an upscale look that stands above traditional white vinyl.



Onyx Collection

Willer Windows & Doors is excited to announce The Onyx Collection, expertly engineered from the inside out. This collection showcases a sophisticated flat-black color profile, developed with an innovative new vinyl composition that ensures lasting beauty even in temperatures reaching 200°F.



Contact us for more information!

Business Hours

📍 San Diego, CA

Mon. - Fri. 8:00 am - 5:00 pm

Saturday. Closed

Sun. Closed!

Hardware Solutions LLC

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Chula Vista, CA 91911

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sales@glahs.com



Get your free quote. Contact us by phone, email, fax or visit us in person.

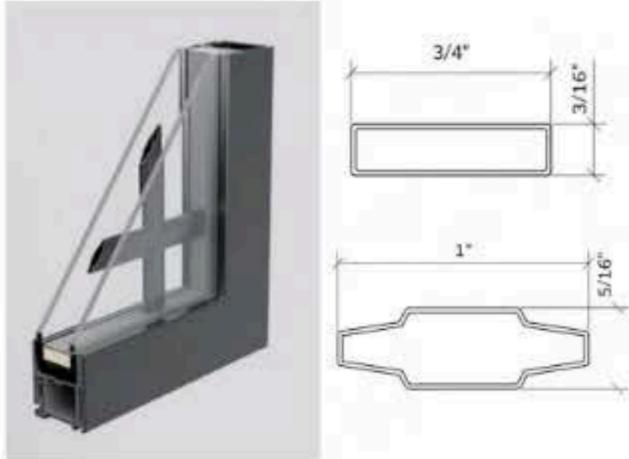


Grid Configurations

Grid Between the Glasses

Easier for you to clean the surface of the glass

Flat Grids Size: 3/4"
Sculptured Grid Size: 1"



Onyx windows offer several benefits:

Aesthetic Appeal: Sleek, modern design with a distinctive look.

Durability: High-quality materials that withstand harsh conditions.

Energy Efficiency: Advanced glazing reduces heating and cooling costs.

Low Maintenance: Resistant to staining and corrosion.

Privacy: Tinted or frosted options for increased privacy.

Security: Enhanced locking mechanisms and impact-resistant glass.

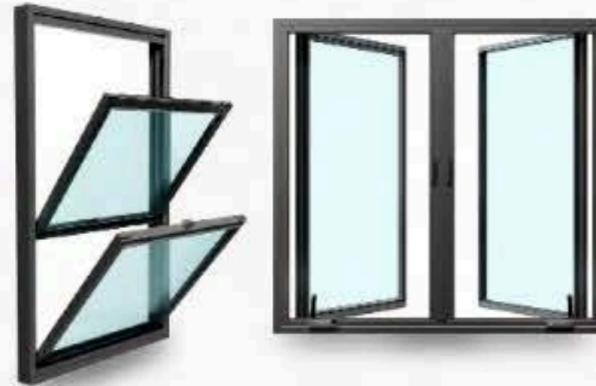
Noise Reduction: Better insulation for a quieter indoor environment.

Onyx collection window styles



Sliding Window

Single Hung



Double Hung Window

Casement Window



Awning Window

Picture Window

Onyx collection door styles



Sliding Door

Swing Door

Window Frames

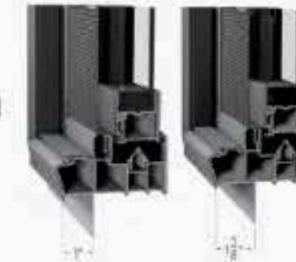


Retrofit Frame

For replacement applications. The replacement flange allows for convenient installation with no need to break out stucco.

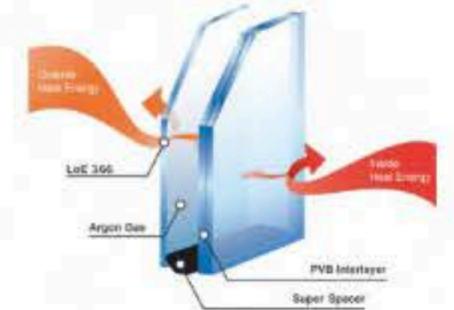
Nail-On Frames

Nail-on frame allows for targeted installation in new construction applications and is available in 1" and 1-3/8" setback.



Dual-Pane Glass

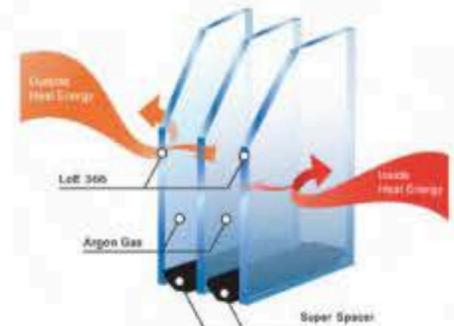
Two layers of glass separated by super spacer.
High quality Cardinal Glass
Offers improved insulation compared to single-pane glass.
Filled with Argon Gas between the panels.
Provides better soundproofing and energy efficiency.
Generally more cost-effective than triple-pane glass.



Triple-Pane Glass

Three layers of glass separated by two super spacers.
High quality Cardinal Glass
Offers even higher levels of insulation and energy efficiency.
Filled with Argon Gas between the panels.
Provides superior soundproofing and thermal performance, especially in extreme climates.

* Some vinyl series cannot be installed with triple pane. Please contact our sales team for more information.





Why buy your Vinyl windows with us?

Not All Vinyl is the same: You will not have to worry that your White Window will turn Yellow over the years since the quality of the material of our windows is 100% Vinyl (u-PVC) Which means that your Window will always be White. Another feature of our vinyl is its Light (UV) additive and weathering stabilizers that prevent the window from discoloration.

IG Unit: The combination of LowE3 glass and Duralite Spacer is a combination that will help you when the heat temperature is very high, LowE3 glass is formulated to reject solar heat without affecting the view of your Window, it will maintain your indoor cooler and comfortable.

Customer Service: Our Friendly Customer Service is the best; we will help you find the best solution that suits your window expectations.

Fast Service: Our delivery time is the best since we combine speed in delivery and quality in our products, each product is carefully reviewed before being delivered.



Window Frames



Retrofit Nail-on Block

Patio Door Frames



Retrofit Nail-on Block

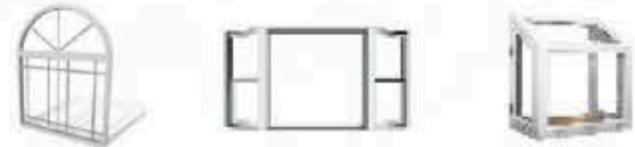
Window Configurations



Sliders Single Hung Double Hung



Special Link Casement Picture-Fix

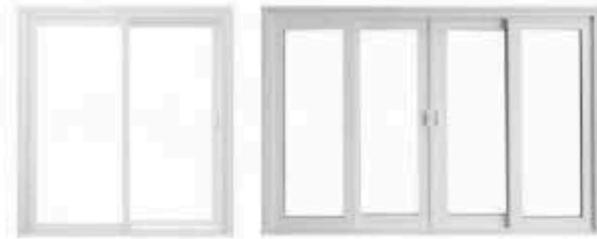


Arch Bay Windows Garden Windows

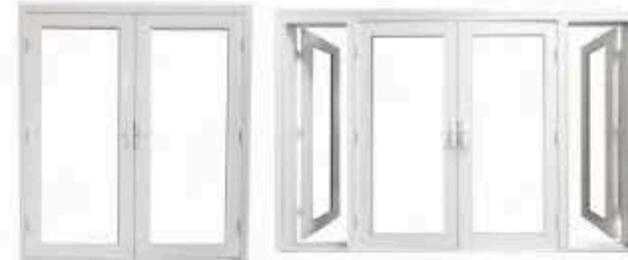


Awning Windows Shape Windows

Sliding Patio Doors



French Swing Doors



Shower and Closet Doors



Glass Types



Obscure Rain Delta Frost



Acid Etch Gray Dark Bronze Light

Colors Available



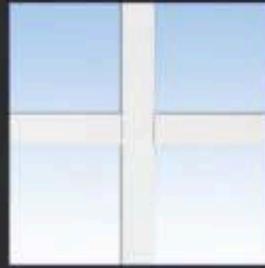
Buy With Confidence

Every ENERGY STAR qualified window or door, is independently certified to perform at levels that meet or exceed strict energy efficiency guidelines set by the U.S. Department of Energy and the State of California.

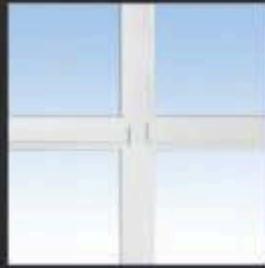
Deuteronomy 15:10

Give generously to them and do so without a grudging heart; then because of this the Lord your God will bless you in all your work and in everything you put your hand to.

Grid Styles



3/4" Flat Grids



1" Sculptured Grids

Grid Options



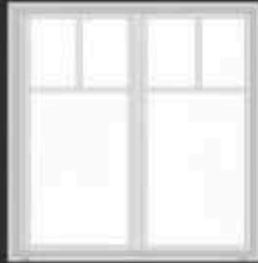
Colonial



6-Lite



9 - Lite



Victorian

Wood Shutters



Benefits of Low "E3" Glass

Save a significant on your energy bill by replacing old, inefficient windows and sliding doors with energy star vinyl with low "E3" Glass

Keeps you and your home more comfortable, warm in winter, cool in summer.

Low "E3" Glass is like sun screen for your home. Protects your photographs, artwork, furniture, carpets and woodfloors from sun damage.

Guaranteed Work!



Duralite®



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Business Hours

Mon - Fri: 8:00am - 5:00pm

Saturday: Closed

Sunday: Closed

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Manufacturer of high quality vinyl windows and doors

www.willerwindows.com

Free Estimates!!
Call, Email, Fax or Walk-ins



We accept all credit cards



IMPERIAL SINGLE HUNG WINDOWS



SINGLE HUNG WINDOWS FEATURES & BENEFITS

Easy operation

Constant force counter weight balance system for smooth effortless operation.

A tight seal

Multiple weather-strips give you protection against air infiltration

Simple to clean

Operating sash can be removed to clean exterior glass from inside your home

Design

Multiple grid styles and configurations are possible for whatever your application

Security

Auto locks insure that every time you close the window your home is sealed, giving you security and peace of mind

Structural Integrity

The mechanically fastened joints of aluminum frames may admit air and water. Fusion-welded uPVC joints create an impervious seal.

Maintenance

Unlike aluminum and wood, uPVC is virtually maintenance free. It never needs paint, and requires only an occasional wash and wipe to clean.

Weatherability

Metals can corrode from exposure to weather and pollution. uPVC is naturally resistant to moisture and atmospheric pollutions such as acids, alkalis and salt air making it the perfect material to stand the test of time.

Energy Efficiency

The superior insulating properties of vinyl designed with heat reducing Multi-chambered profiles and Cardinal 366 glass Reduce Heat transfer up to 3 x that of standard single pane windows.



Imperial SH window, outside view

Options

- Standard and custom sizes
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)



Standard colors



White

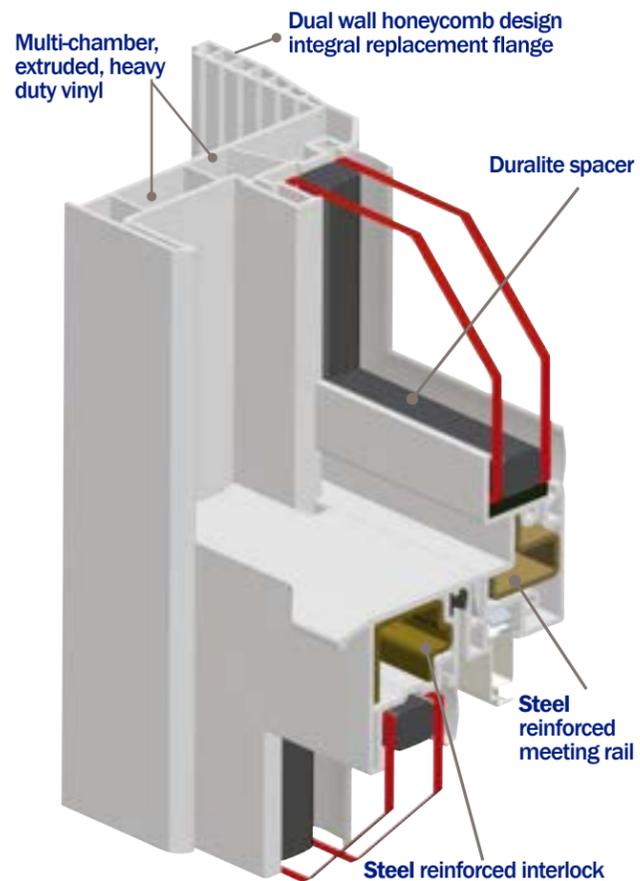


Almond

EXCEPTIONAL CONSTRUCTION AND DESIGN

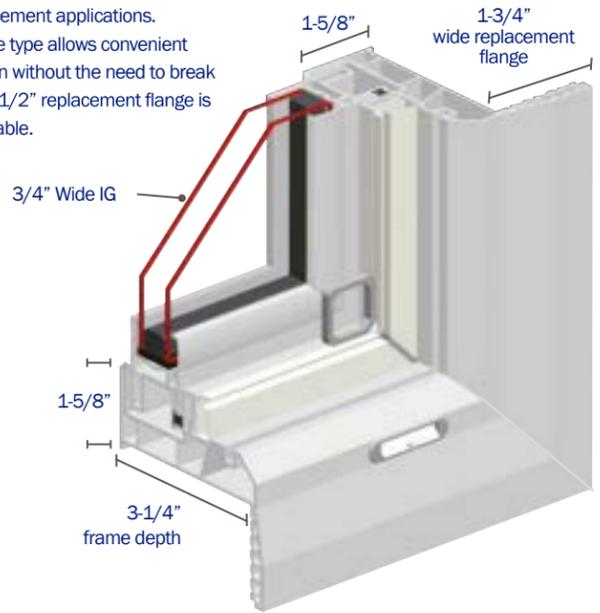
FRAME OPTIONS

- 1-3/4" standard and optional 2-1/2" replacement flange designed with heavy-duty dual wall
- 1" nailing fin set back in white or almond
- 1-3/8" nailing fin set back available in white



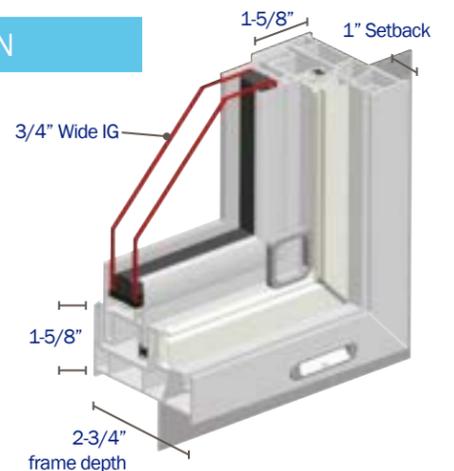
RETROFIT

For replacement applications. This frame type allows convenient installation without the need to break stucco. 2-1/2" replacement flange is also available.



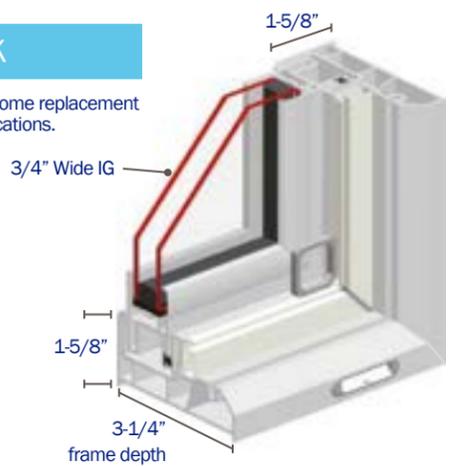
NAIL-ON

Nail-on frame allows for targeted installation in new construction applications and is available in 1" and 1-3/8" setback. 1-3/8" is only available in white.



BLOCK

Block frame is suitable for some replacement and new construction applications.



THERMAL, STRUCTURAL, & SOUND PERFORMANCE

| Imperial Single Hung Windows SH | | | Thermal Performance | | | | Structural Performance | Sound Transmission Class |
|---------------------------------|-----------|------------|--------------------------|----------|------|-----|--|---|
| Glazing | | | Grids | U Factor | SHGC | VT | | |
| Dual | 2 mm LoE3 | 2 mm Clear | None | 0.28 | .32 | .53 | Class LC PG-30 Size tested 46 x 82" | STC 31 3/4" IG [1/8" annealed exterior, 7/16" Argon, 3/16" annealed interior] |
| | | | 3/4-5/8" | | .29 | .47 | | |
| | | | >1" | | .26 | .42 | | |
| | | | Size tested 47-1/4 x 59" | | | | | |

As tested with LoE3 glass, Duralite Spacer and Argon gas filled combined with clear glass.

PICTURE WINDOWS FEATURES & BENEFITS

Design

Multiple grid styles and configurations are possible for whatever your application

Structural Integrity

The mechanically fastened joints of aluminum frames may admit air and water. Fusion-welded uPVC joints create an impervious seal.

Maintenance

Unlike aluminum and wood, uPVC is virtually maintenance free. It never needs paint, and requires only an occasional wash and wipe to clean.

Weatherability

Metals can corrode from exposure to weather and pollution. uPVC is naturally resistant to moisture and atmospheric pollutions such as acids, alkalis and salt air making it the perfect material to stand the test of time.

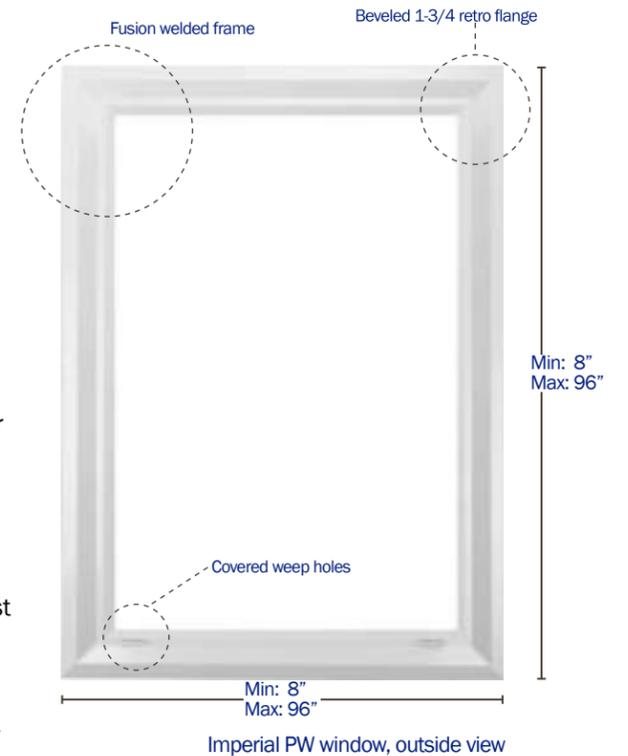
Energy Efficiency

The superior insulating properties of vinyl designed with heat reducing Multi-chambered profiles and Cardinal 366 glass Reduce Heat transfer up to 3 x that of standard single pane windows.

Options

- Standard and custom sizes
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)

Standard colors



IMPERIAL PICTURE WINDOWS AVAILABLE SIZES

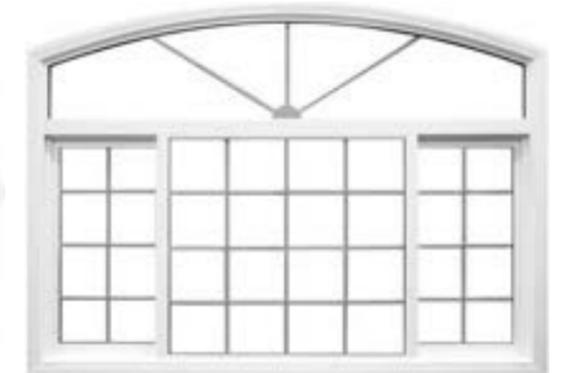
| | | Window Height in Inches | | | | | | | |
|------------------------|----|-------------------------|-------|-------|-------|-------|-------|-------|-------|
| | | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 |
| Window Width in Inches | 12 | 12x12 | 12x24 | 12x36 | 12x48 | 12x60 | 12x72 | 12x84 | 12x96 |
| | 24 | 24x12 | 24x24 | 24x36 | 24x48 | 24x60 | 24x72 | 24x84 | 24x96 |
| | 36 | 36x12 | 36x24 | 36x36 | 36x48 | 36x60 | 36x72 | 36x84 | 36x96 |
| | 48 | 48x12 | 48x24 | 48x36 | 48x48 | 48x60 | 48x72 | 48x84 | 48x96 |
| | 60 | 60x12 | 60x24 | 60x36 | 60x48 | 60x60 | 60x72 | | |
| | 72 | 72x12 | 72x24 | 72x36 | 72x48 | 72x60 | | | |
| | 84 | 84x12 | 84x24 | 84x36 | 84x48 | | | | |
| | 96 | 96x12 | 96x24 | 96x48 | | | | | |

Highlighted sizes feature Tempered Glass

SPECIALTY IMPERIAL WINDOWS: GEOMETRIC SHAPES & COMBINATION UNITS



Imperial Hexagon window, inside view



Imperial XOX window with arch top with leg, outside view

FRAME TYPES FOR REPLACEMENT & NEW CONSTRUCTION APPLICATIONS

IMPERIAL PICTURE WINDOWS

EXCEPTIONAL CONSTRUCTION AND DESIGN

FRAME OPTIONS

- 1-3/4" standard and optional 2-1/2" replacement flange designed with heavy-duty dual wall
- 1" nailing fin set back in white or almond
- 1-3/8" nailing fin set back available in white

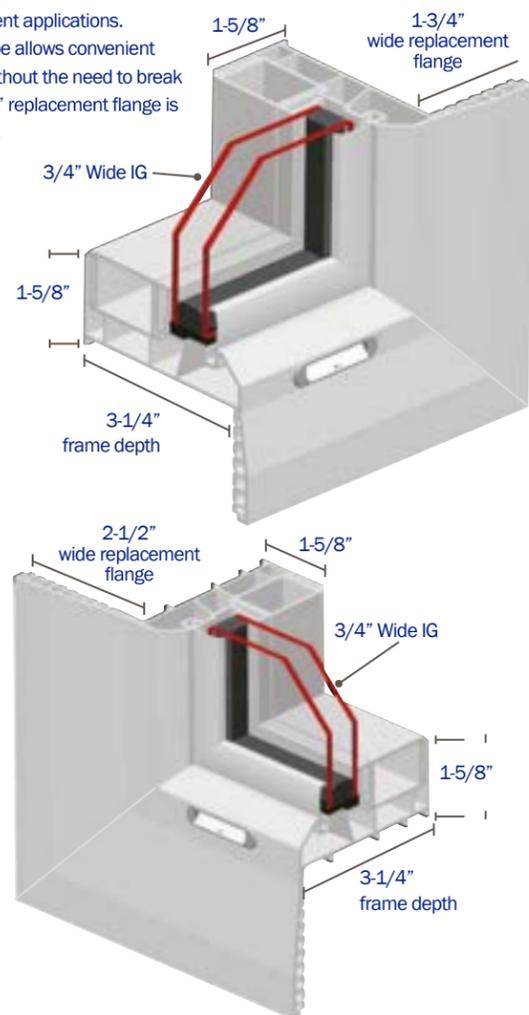
THERMAL, STRUCTURAL, & SOUND PERFORMANCE

| Imperial Picture Windows PW | | | Thermal Performance | | | | | Structural Performance | Sound Transmission Class |
|-----------------------------|-----------|------------|--|----------|------|-----|----------------------------|---------------------------------------|--------------------------|
| Glazing | | | Grids | U Factor | SHGC | VT | CR Condensation Resistance | | |
| Dual | 2 mm LoE3 | 2 mm Clear | None | 0.25 | .35 | .58 | CR 63 | Class R PG-15 Size tested 72 x 60" | STC 29 3/4" IG |
| | | | 3/4-5/8" | | .32 | .51 | | | |
| | | | >1" | | .29 | .46 | | | |
| Size tested 47-1/4 x 59" | | | 1/8" annealed exterior 7/16" Argon 3/16" annealed interior | | | | | | |

As tested with LoE3 glass, Duralite Spacer and Argon gas filled combined with clear glass.

RETROFIT

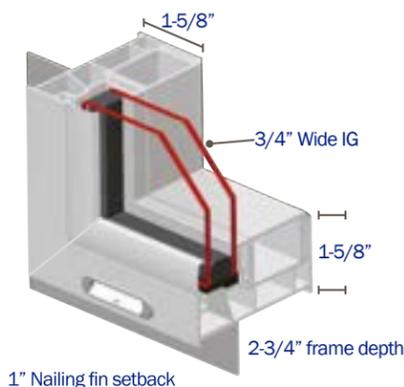
For replacement applications. This frame type allows convenient installation without the need to break stucco. 2-1/2" replacement flange is also available.



NAIL-ON

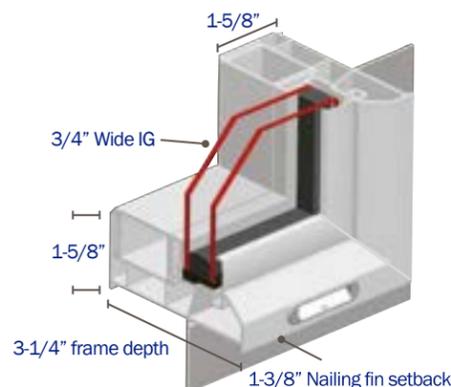
Nail-on frame allows for targeted installation in new construction applications and is available in 1" and 1-3/8" setback. 1-3/8" is only available in white.

1" Nailing fin Setback



1" Nailing fin setback

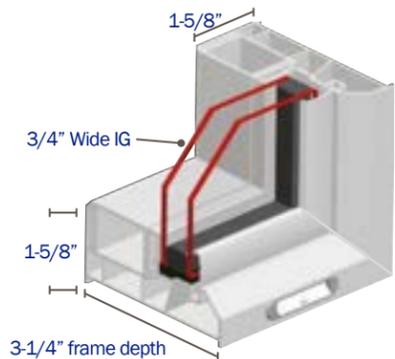
1-3/8" Nailing fin Setback



1-3/8" Nailing fin setback

BLOCK

Block frame is suitable for some replacement and new construction applications.



3-1/4" frame depth

IMPERIAL SLIDING PATIO DOORS



PRACTICAL FUNCTIONALITY

Key features

- Multi-chambered heavy duty extruded vinyl for structural strength and durability
- Frame depth is 5-5/8"
- Fusion welded corners for strength and stability
- 1" IG unit featuring Duralite spacer with warm edge technology for energy efficiency
- Door panels feature a multi-channel extrusion for increased energy performance and strength
- Steel and aluminum reinforcement for exceptional structural integrity
- Heavy duty aluminum rail system offers smooth operation
- Steel galvanized adjustable rollers with steel housing for added durability
- Ergonomic handle with dual point locking system for ease of use and tight seal against elements infiltration
- 1" and 1-3/8" nailing fin set back for targeted installation
- 2-1/2" replacement flange designed with heavy-duty dual wall
- Argon gas filled chamber for increased energy savings

THERMAL, STRUCTURAL, & SOUND PERFORMANCE

| Imperial Sliding Patio Door PD | | | Thermal Performance* | | | | | Structural Performance | Sound Transmission Class |
|--------------------------------|-----------|------------|----------------------|----------|------|-----|----------------------------|--------------------------------------|---|
| Glazing | | | Grids | U Factor | SHGC | VT | CR Condensation Resistance | | |
| Dual | 3 mm LoE3 | 3 mm Clear | None | 0.29 | .22 | .52 | CR 61 | Class R-PG15 Size tested 96 x 96" | STC 31 1-1/16" IG [1/8" Tempered exterior, 3/4" air space, 3/16" Tempered interior] |
| | | | 3/4-5/8" | | .20 | .46 | | | |
| | | | >1" | | .18 | .40 | | | |
| Size tested 47-1/4 x 59" | | | | | | | | | |

*As tested with LoE3 glass, Duralite Spacer and Argon gas filled combined with clear glass.
**Class LC PG30 is available upon Company approval and necessary modification.

Options

- Flat and sculptured grids in a variety of patterns
- Standard and custom sizes
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty (Does not include glass breakage)

Standard colors

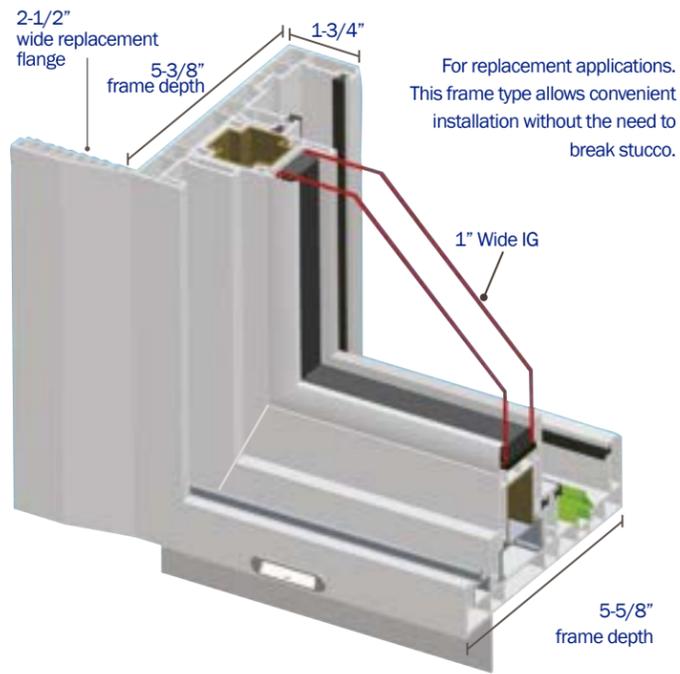


White



Almond

RETROFIT



Sliding Patio Door features at a glance, outside view

- 01 Fusion welded frame and panels
- 02 Ergonomically designed handle
- 03 Firmly secured and reinforced interlock
- 04 Heavy duty extruded vinyl in frame and panel members
- 05 2-1/4" wide rail and stiles
- 06 Double weather-stripping

Four wheel tandem roller system

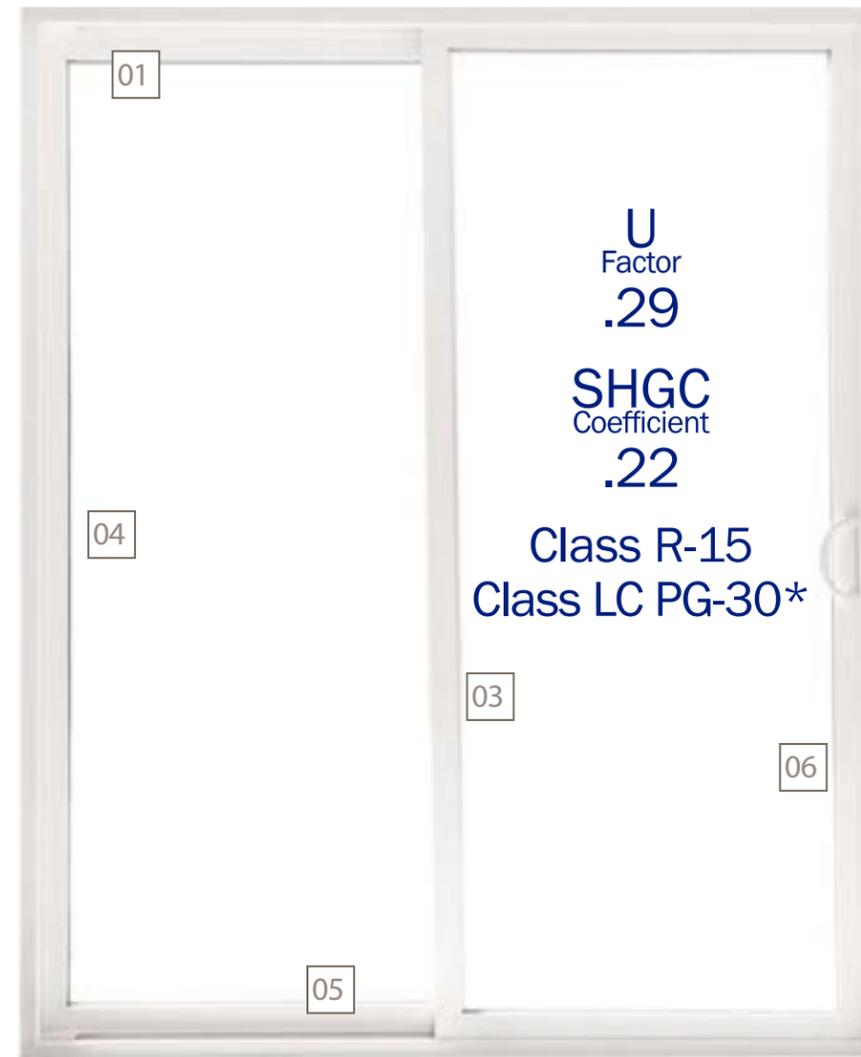
Imperial Patio Doors feature four-wheel tandem roller system in cold rolled steel housing and rollers, which provide long lasting smooth operation.

An optional commercial grade rolling system with casing and wheels in stainless steel is available upon request and is designed to effortlessly carry the our heavies door panels.

- Optional Stainless Steel Roller Features
- Stainless steel housing
 - Four strong tandem stainless steel concave rollers for quiet and durable rolling action
 - Rollers slide on a heavy duty stainless steel track glider for smooth and soundless operation
 - Each roller can hold up to 125 lbs for a total of 1000 lbs per door panel which delivers outstanding performance in large doors featuring the heaviest glass packages
 - Rollers can be adjusted for smooth moving action



CAREFULLY SELECTED HIGH-PERFORMANCE HARDWARE & PARTS



Imperial XO Sliding Patio Door inside view
*Class LC PG30 is available upon Company approval and necessary modification.

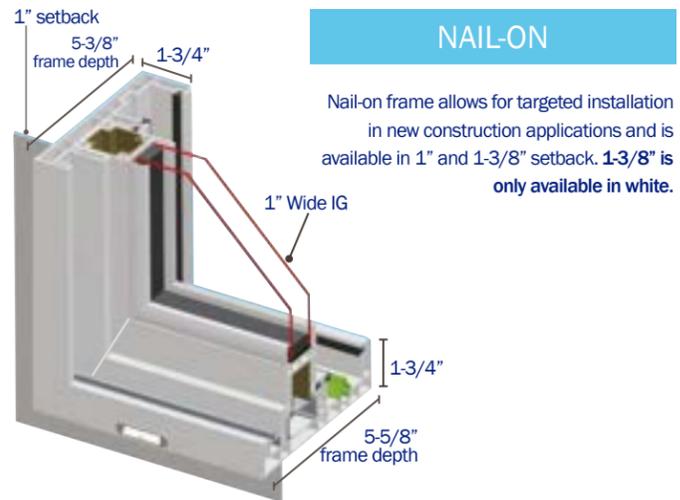
Dual latch lock

Imperial sliding doors feature a new dual latch lock which provides extra security and a tight weather seal. New ergonomic handle closes easily in a single motion.

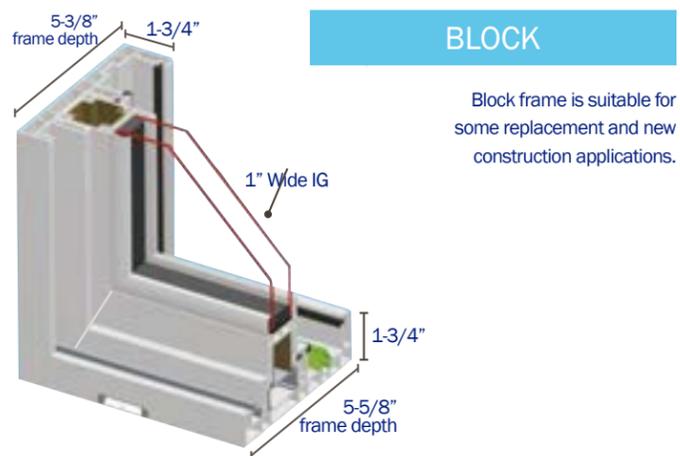


Imperial Door Handle and Locking system outside view

Imperial Door Handle and Locking system inside view

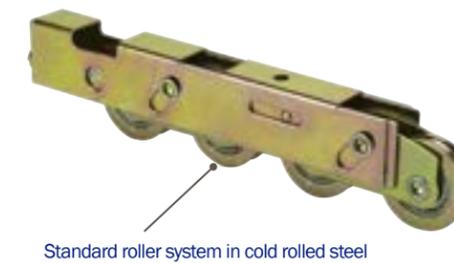
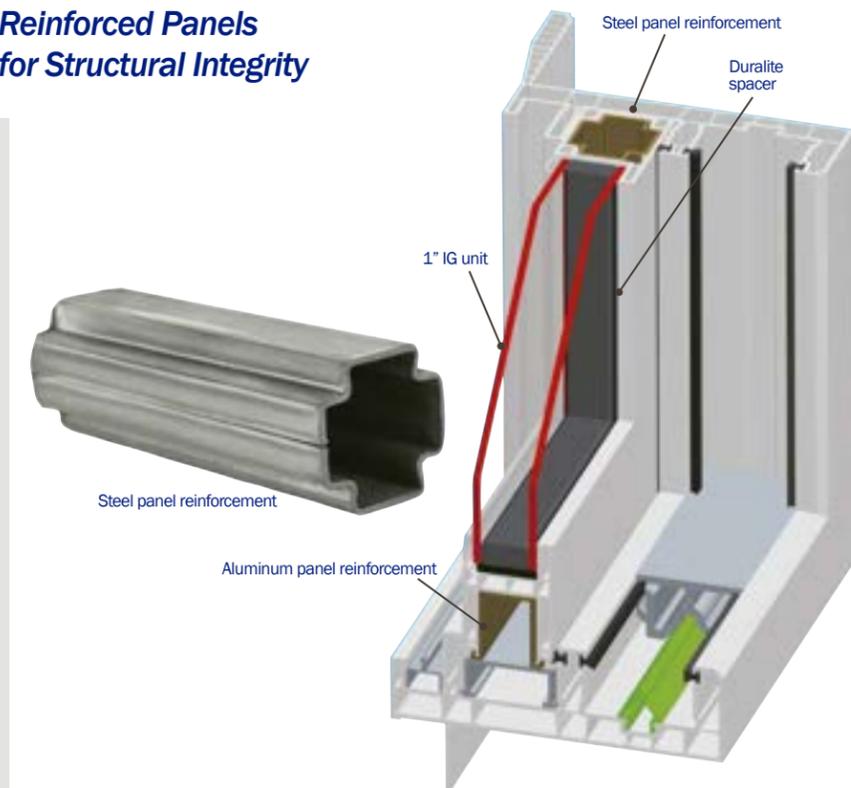


NAIL-ON



BLOCK

Reinforced Panels for Structural Integrity



Standard roller system in cold rolled steel



SLIDING PATIO DOORS

KEY FEATURES

- *Steel reinforced door panels*
- *Steel reinforced interlock*
- *Duralite warm edge spacer with no metal components*
- *Multi-chamber extruded vinyl*



Imperial XO Sliding Patio Door outside view

SLIM PROFILE, GREATER VIEW





LIMITED LIFETIME WARRANTY & CONDITIONS

Limited Lifetime Warranty:

At Willer Windows and Doors, we are proud of the quality and workmanship of our windows and doors. We are pleased to offer you the following "Limited Lifetime Warranty" on our products. We warrant our products to be free from defects in material or workmanship that significantly impair their proper operation for the lifetime of your home if you own it.

Coverage:

This warranty is applicable to the original purchaser for as long as they own and occupy their single-family home. Plus, we will cover the second owner for two years. All residential vinyl windows and doors are subject to the terms and conditions stated herein and are subject to change without notice. Willer Windows and Doors will warrant under the conditions of normal use and service.

Note: The warranty however does not cover windows and doors that are sold for the following use: commercial buildings, multi-family housing or any type of new construction installation in tract housing. Products used in these types of environment will be warranted for up to 5 years from the original purchase date only.

Material and Components:

Willer Windows and Doors warrants that all vinyl windows and sliding glass doors, including mechanical parts, hardware and insulated glass will be free from defects such as blistering, peeling, flaking, rotting or corrosion. No material obstruction of vision on the internal surfaces of the insulated glass unit. Component parts will be free from any manufacturing defects.

Note: If your products have any of these defects as stated above the complaint will be valid only if the original receipt is present. A new replacement part will be provided upon original receipt for the original part only. We reserve the right to require return of defective part(s).

Exclusions from Covered Warranty:

Every effort is made to ensure that your new windows and doors remain trouble free year after year. Some items are beyond Willer Window's control and are not included in such warranty. This warranty does not include:

1. Component failure due to improper installation and improper maintenance.
2. Small scratches, marks, and any other minor imperfection in the glass or vinyl, if tints or films have been applied, alterations and broken glass.
3. Damages caused by "Acts of God" hurricanes, fires, earthquake, floods, and wind.
4. Failures due to product modifications or window shading devices.



5. Corrosion of hardware, vandalism, neglect, abuse and storage.
6. Chemical burns, yellowing due to application of harmful chemicals; acetone, thinner, abrasive compounds, cleaning solutions etc.
7. Incidental or consequential damage.
8. Normal wear and tear which includes natural weathering of exterior finishes including Color Finishes.

Remedy:

Willer Windows and Doors reserves the right to determine after careful inspection whether the merchandise can be liable for warranty. This is based on what has been mentioned and all products will be inspected by our professional staff, in order to provide the customer, the best possible way to be satisfied with our products. Willer Windows and Doors shall not be responsible for any improper use of products sold, or any violation of Federal local Safety Regulation, Guidelines or Laws related to their use.

Note: If there are defects in any of our windows and doors that may have been overlooked by our staff, it is strongly recommended that the customer informs Willer Windows and Doors as soon as possible to file a damage claim and avoid any possible injuries or property damage. Customers MUST INSPECT product at pick up time. This warranty is valid only in the U.S. applicable in California State only.