



Energy Wall[®]

Windows and Patio Doors



EnergyWELD[®] Select

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Breakthrough design and craftsmanship that surrounds EnergyWall outranks the competition

section 1
components

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performance/glass packages

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preferences/upgrades



Partner

NAMI
Certified



DuoTILT® LOCK

Innovative

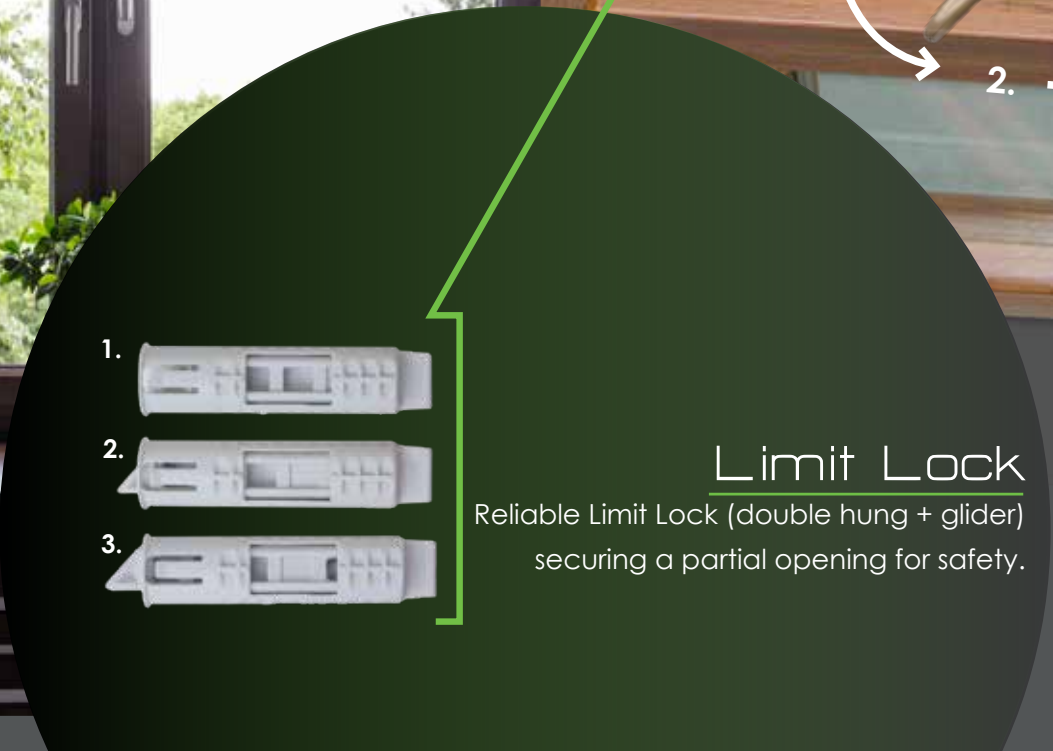
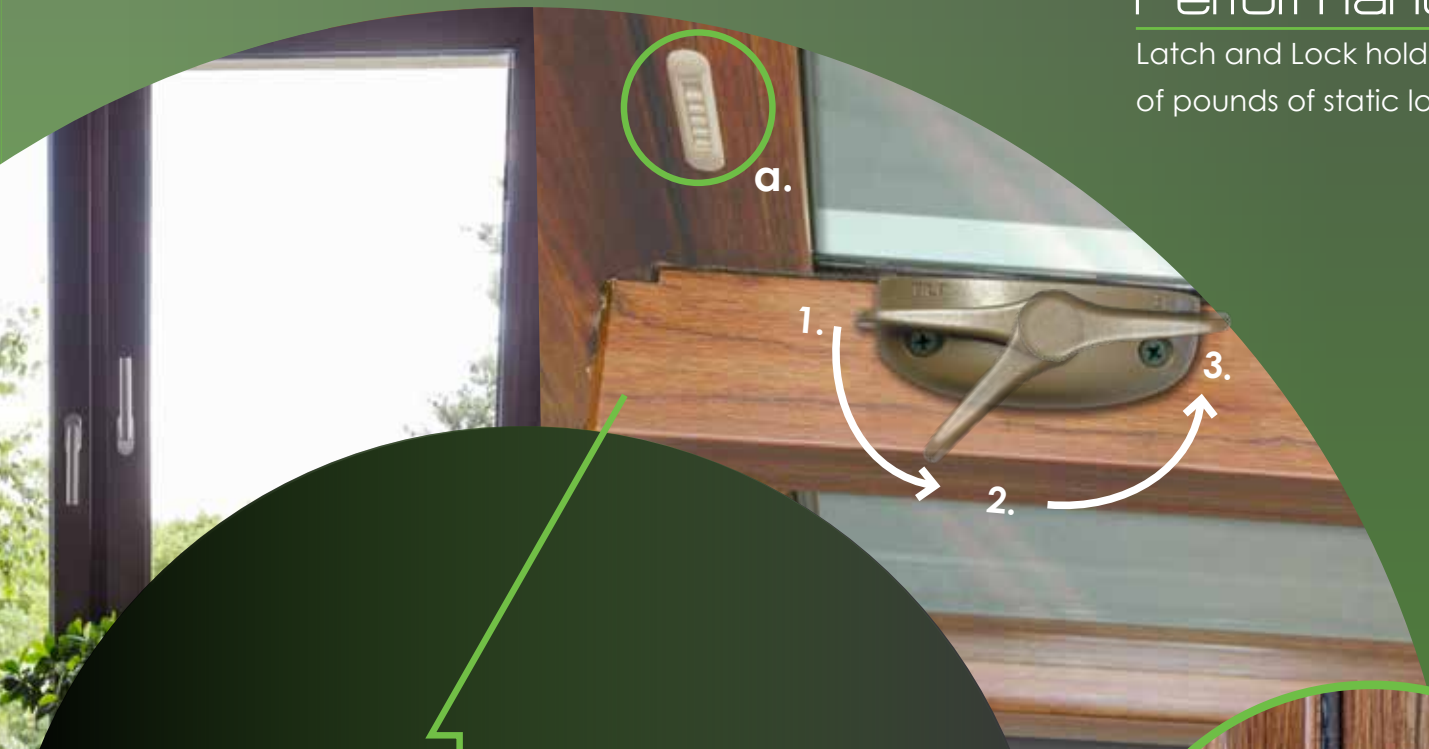
Intuitive functionality enables latch to operate with a swing of the lock lever (see dia. 1, 2, 3)

Streamlined

Sleek lock visuals provide high-end appearance and market distinction.

Performance

Latch and Lock hold hundreds of pounds of static loading.

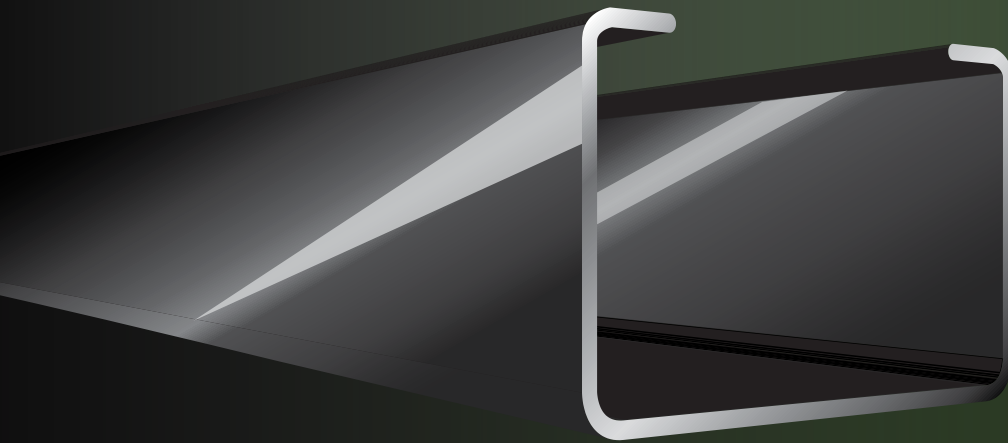


Limit Lock

Reliable Limit Lock (double hung + glider) securing a partial opening for safety.



BLACK Stainless Spacer



An engineered product
designed to

Achieve
Thermal Performance

effortlessly

Sealant Effectiveness & Gas Retention.

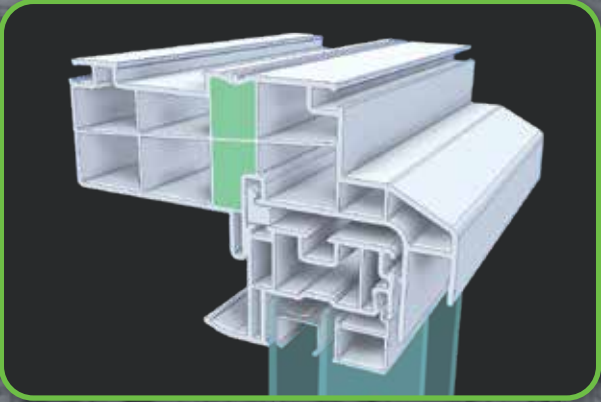
The sealant provides the moisture vapor barrier for the I.G. unit. The longer the transmission path, the slower the rate that moisture will travel into the unit through the seal. STAINLESS Steel is Impervious to gas transmission, improving gas retention and Maximizing the insulation value of your window over time. Intercept[®] Stainless offers one of the best transmission paths to maximize window performance.

exclusive

esthetic

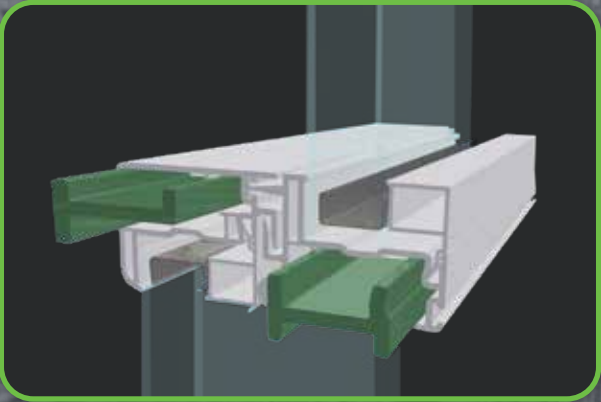


EnergyWALL® Features



Foam Fill in Head.
Weather Stripping

Continuous Over/Under Interlock & Triple Weather Stripping to prevent air infiltration.

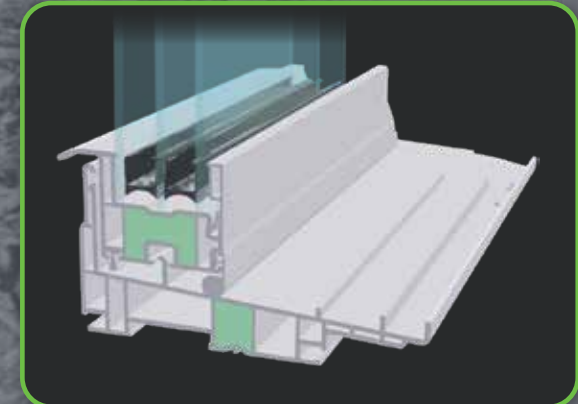
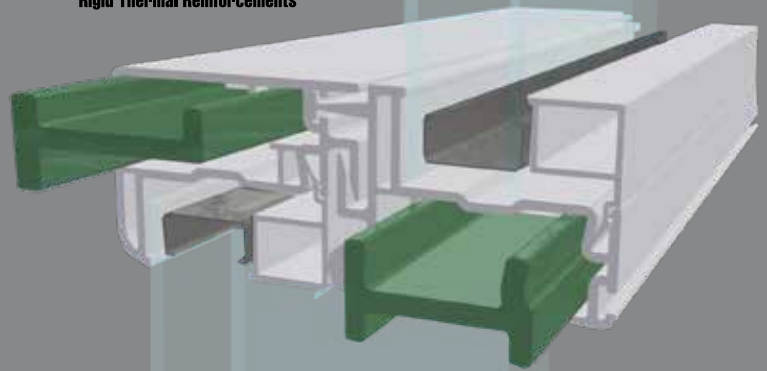


Rigid, Thermal Reinforcements inserted at the meet rail provide for extra structural support.

Weather Stripping

Innergy™ option

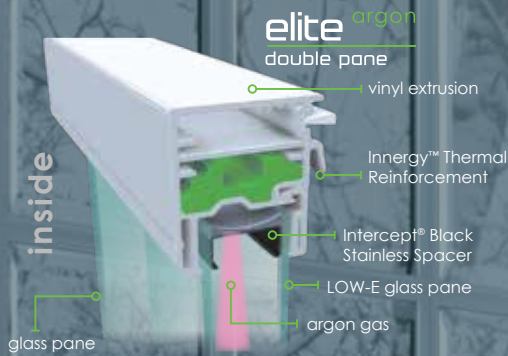
Innergy is the innovative, energy-efficient alternative to aluminum. Rigid Thermal Reinforcements are advanced fiberglass reinforced resin inserts, designed to slide easily into window and door frame chambers for greater support and insulation.



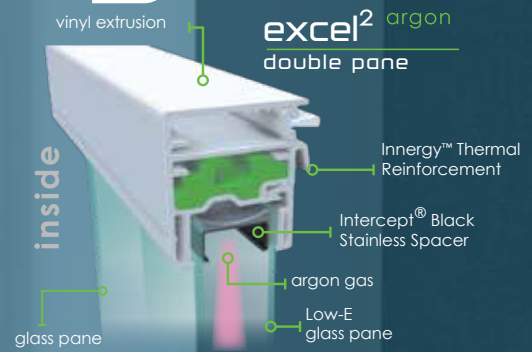
Foam Fill in Sill.
Sill Bulb
Weather Stripping
Structural Sill Interlock

- **BETTER THERMAL PERFORMANCE**
Up to 700 times better than aluminum in material-to-material comparisons.
- **BETTER THERMAL BREAK**
Impervious to cold or heat.
- **BETTER PROTECTION AGAINST CONDENSATION**
Helps prevent staining that can occur with metal reinforcements.
- **BETTER FLEXIBILITY**
Will not permanently set when impacted.

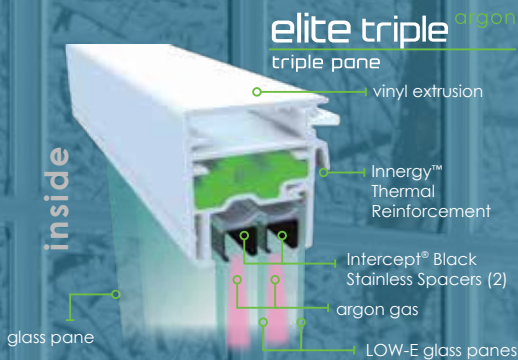
Glass Packages foam fill standard



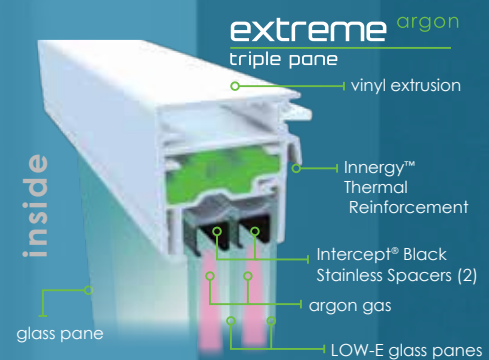
Ratings double hung				
U	S	V	C	
.27	.30	.54	59	



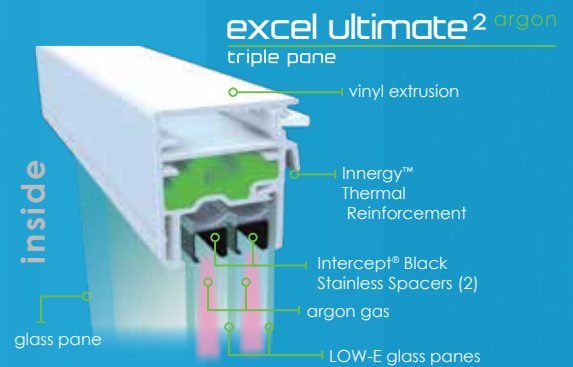
Ratings double hung				
U	S	V	C	
.27	.22	.48	59	



Ratings double hung				
U	S	V	C	
.22	.28	.50	67	



Ratings double hung				
U	S	V	C	
.18	.24	.42	71	



Ratings double hung				
U	S	V	C	
.18	.17	.33	71	

Thermal Performance

U-Value (U):

ratings typically fall between 0.20 and 1.20. The lower the U-Factor, the better a product is at keeping the heat in the home or building

Solar Heat Gain Coefficient (S):

rating refers to the amount of sunlight passing through a window as heat. The lower the rating, the better the window performs at reducing costs in the summer months. Between 0-1.

Visible Transmission (V):

Measures how much light comes through a product. VT is expressed as a number between 0 and 1. The higher the VT, the higher the potential for day-lighting.

Condensation Resistance (C):

measures the performance level of a window/glazing system to help eliminate possible condensation. The higher the number, the better the window is at blocking condensation.

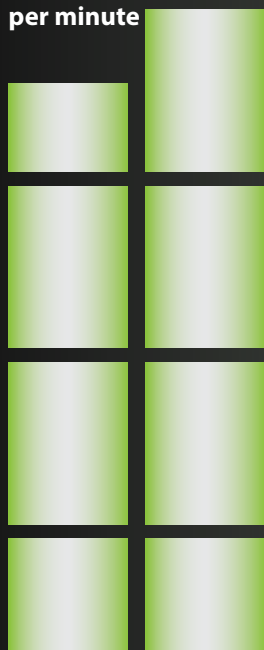


Revolutionary engineering
paired with Tasteful Design
BUILDS a refined product of
longevity and aesthetics

Air Infiltration

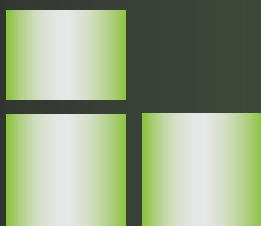
windows EXCEED the requirements set by AAMA, .30 CFM
Most styles as low as .01

1 CFM =
7.5 gallons of
AIR Infiltration
per minute



Industry Standard
set by AAMA

.30 CFM =
2.25 gallons of
AIR Infiltration
per minute



Typical WOOD
window (average)

.21 CFM =
1.575 gallons of
AIR Infiltration
per minute



Typical VINYL
window (average)

.18 CFM =
1.35 gallons of
AIR Infiltration
per minute



.01 CFM =
0.074 gallons of
AIR Infiltration
per minute



Double Hung



energyWELD® *Select*
Collection

DUOTILT® LOCK STANDARD



Substantial ratings combined with durability make Energywall leader in intelligent design.

Glider 2+3 Lite Options

Section:3



Define your home with
Functionality

+Limit Lock standard

+Triple Weather Stripping



EV- end vent motion

CV- center vent motion

Casement



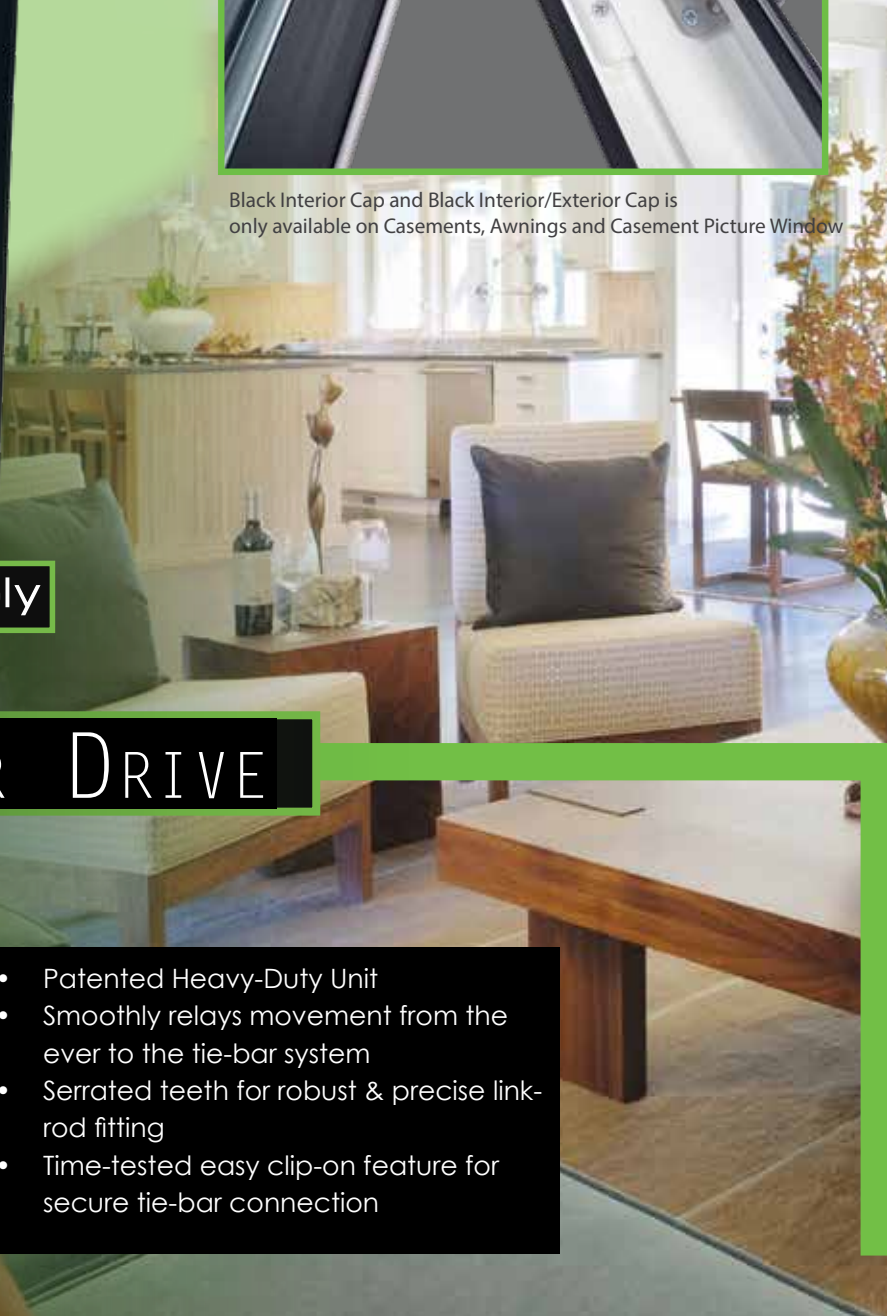
Black Interior Cap and Black Interior/Exterior Cap is only available on Casements, Awnings and Casement Picture Window

+Folding crank assembly

OPTION CORNER DRIVE



- Patented Heavy-Duty Unit
- Smoothly relays movement from the lever to the tie-bar system
- Serrated teeth for robust & precise link-rod fitting
- Time-tested easy clip-on feature for secure tie-bar connection



Awning



+Triple seal on closure

Bay + Bow



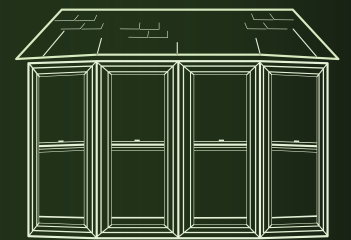


Center picture window edged by casement or double hung windows

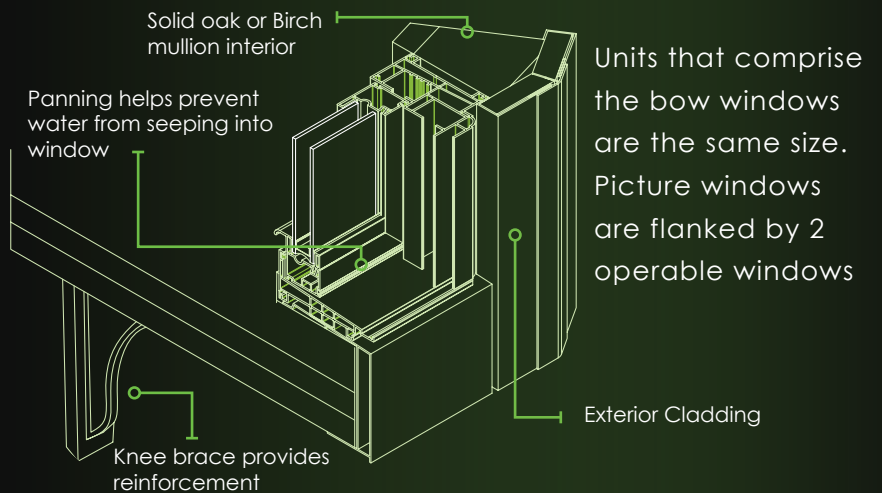
Prefabricated roof system is custom built for your home.



Concave Metal



Hip Style
shingles or metal

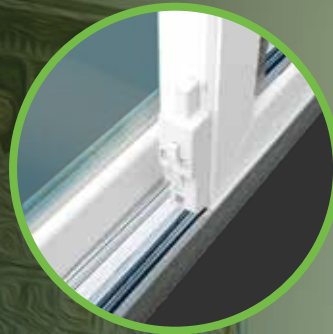


Patio

Diversified options allow you to conceptualize the product to your fullest creativity

FEATURES

• Fusion-welding at door panel corners transforms four vinyl extrusions into a strong, one-piece door.



• Smooth gliding, solid-steel, zinc-plated tandem rollers.

• Sloped, reinforced sill guides rainwater outside and away.

• Iridium coating on exposed parts enhances corrosion resistance.

Foot Operated Lock



2 Point* Standard

Mortised Hook Locks



Sill

Multi Point Locking System*

Steel hooks automatically lock at three or two points along frame when door contacts frame.



3-Point Multi-Point*



+ 3 Point Locking System



Options

Internal Muntin



colonial flat



colonial contour



antique brass



satin nickel



slimline brass



view 3/8" groove



diamond view



floral



elongated floral



prairie view

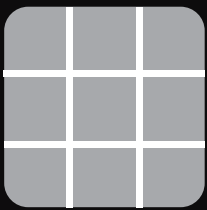


double prairie view

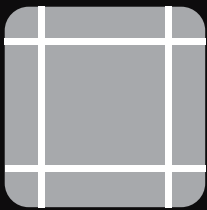


arch view patio only

Glass Designs



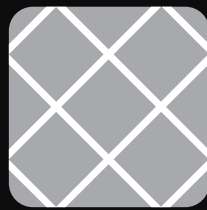
colonial



prairie



double prairie



diamond

glass textures



obscure



rain



Options

Customize your window with a diverse group of options to define your style

Exterior Laminates

exterior laminates for patio only n/a in dark oak*



wicker



choco brown

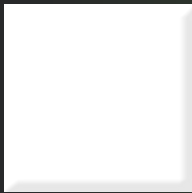


bronze



coal black

Interior Window + Muntin Colors



white



tan



medium oak



dark oak



cherry



vintage pecan

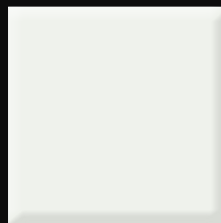
Exterior Paint Colors



tan



brick red



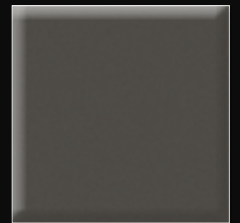
white



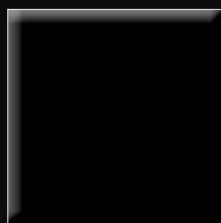
forest green



brown



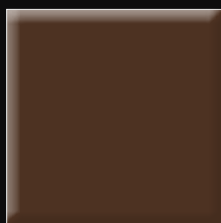
architectural bronze



black



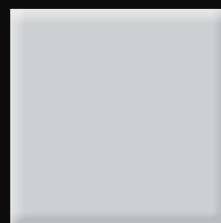
beige



bronze



clay



gray

All Colors shown throughout are reproduced by mechanical process and may vary from actual colors of product. Use actual color selectors.

Options

Hardware Finishes + Colors white standard



tan
standard
on tan



coppertone
standard
woodgrain



black



polished
brass



satin
nickel



antique
brass



aged
bronze



tan Duo-Tilt lock front view



white Duo-Tilt lock top view

DUOTILT® LOCK STANDARD on double hungs

All Colors shown throughout are reproduced by mechanical process and may vary from actual colors of product. Use actual color selectors.

Screen BetterVUE® standard



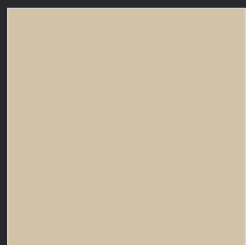
BetterVUE®

SDLS Simulated Divided Lites

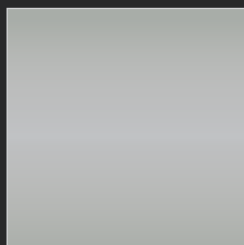


Each grid within in the SDL is accurately trimmed to precise length and fused with high quality joint work. There are streamlined aluminum rails within the glass panes creating the look of a traditional true divided lite window, without forfeiting thermal performance.

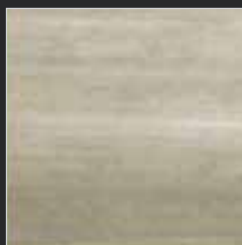
Internal Blinds



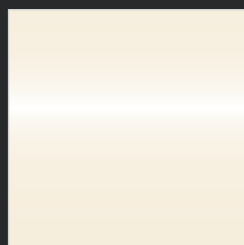
tan



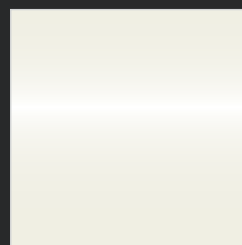
silver



gold



alabaster



white

Dust and allergen-free. Kid + pet safe.





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