Engineered to Last . . . Beautifully
CompositWood® Architectural Series
Windows & Doors

New Construction - 4 9/16” Jamb
6 9/16” & Custom Size Jamb available

CompositWood Architectural Series, the next generation of windows, is a revolutionary material blended with timeless design that surpasses the offerings of even the most well known window manufacturers.

Revolutionary
Beautiful
Efficient
Timeless

WHY COMPOSITWOOD?

Nothing defines a home like the elegance and warmth of wood windows, but the maintenance problems and expenses associated with wood are simply overwhelming.

Metal and clad wood windows were only partial solutions. In the industry-wide pursuit of window excellence, CompositWood is the answer.
**WHAT IS COMPOSITWOOD®?**

CompositWood blends the elegant appearance of a true wood window with the maintenance freedom of vinyl, the strength of metal, cutting edge energy savings and ease of operation into a beautiful and durable window system.

Frames and sashes are made from a proprietary mix of specialty polymer and acrylic resins, creating an “engineered wood.”

CompositWood Architectural Series provides the warmth of a finely milled wood window without the problems associated with wood and clad wood windows. **CompositWood is simply the best window you can buy.**

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**EXCLUSIVE SuperCap™ SURFACE TECHNOLOGY**

SuperCap provides a permanent finished surface that performs in the harshest of weather conditions. Proven with years of extreme outdoor sun exposure testing in Florida and Arizona, SuperCap remains dimensionally stable in direct sun and high heat conditions. With a lifetime of virtually no-maintenance benefits, this tough, fusion-bonded surface protects against erosion, chalking and cracking to keep windows and doors looking good over time.
Standard Features

• Classic wood window slope sill design adds real wood window elegance.
• Low K-Value solid core frame and sash save energy and reduce condensation and the potential for mold and mildew.
• Off-set compression sealed sash and integral balance pockets designed for minimal air infiltration and added security.
• Light Lift™ SP balances for easy opening and closing and high weight carrying capacity.
• Tilt-in sashes for easy cleaning from inside your home.
• Interior window covered with more visible real wood (optional) than any clad wood window.

• Standard 4 9/16” jamb depth with optional 6 9/16” and custom jamb depths.
• Interior is finished in SuperCap white or real Eastern Pine which can be painted or stained to match any decor.
• Exclusively designed pre-drilled folding nail fin for new construction applications.
• SuperCap, thermally fused acrylic layer is 400% thicker and 12X harder than paint.
• Many SuperCap finished exterior frame accessories available.
• Full screen included on all operating windows with optional half screen available.

LIGHT-LIFT™ SP (Superior Performance)
New 3rd Generation Double Hung Window Sash Balance System

• Smooth and silent operation - sashes raise & lower with ease.
• Enables full egress without limiting sash travel.
• Interlocking pivot bar provides a higher structural performance rating.
• Tilt-in sash for easy cleaning. Lifts out for easy sash removal.
• High quality stainless steel coils won’t rot and last a lifetime.
• The same high quality coils are used in the aerospace and military industries for counter-balance on Mars Rover Curiosity, missiles, tanks and submarines.

“You’ve got to lift it to believe it!”
Elegantly designed SuperCap™ finished frame accessories are factory processed, snap-in applied for fast and easy installation. CompositWood accessories are engineered to last a lifetime.
Double Hung windows are the most popular window style. Both sashes raise & lower and tilt inside to clean.

Casement windows provide full ventilation and can be easily cleaned from the inside when cranked out to 90 degrees.

Picture windows are fixed, rather than made to be opened and closed, and come in many shapes and sizes.

Sliding windows are similar to double hungs, but both sashes glide from side to side and lift out for easy cleaning.

Awning windows keep out the rain because they are hinged on top and open out.

Bow & Bay elegant windows add light & sun to any home.

Patio Doors open your home to the outdoors allowing in natural light and fresh air.

Architectural Shapes
COMPOSITWOOD ADVANTAGES

An Engineered Composite that's Better than Wood
- More energy-efficient - lowest thermal conductivity (K-Value).
- Superior screw retention - 5 times better than fiberglass.
- Superior surface finish and durability to avoid maintenance.
- Old world craftsmanship of real wood windows.
- Very low air infiltration rates save energy.
- Cannot absorb water or moisture - will not rot.
- Will not host mold or mildew.
- Superior dent resistance.
- Impervious to salt-air/corrosion for coastal climates.; resists insect damage
- Optional real Eastern Pine wood interior veneer is stainable/paintable.
- Recyclable.
- Limited Lifetime Warranty.

Compared to CompositWood:

Wood Windows
- Fail due to moisture, humidity, salt air, rot, fungus, insects – especially underneath metal or cladding due to heat build-up causing expansion and contraction.
- 24% worse thermal value.
- Easily dented.
- Exterior clad painted color scratches easily.
- Inferior screw retention.
- Most offer less than 20 year profile warranty.

Fiberglass Windows
- Difficult, costly to fabricate & install.
- 54% worse thermal value.
- Loose corner joinery; requires caulking = risk of installation liability.
- Requires painting – easily scratched.
- Not easy to end-of-life recycle.
- Can’t bend specialty shapes.
- Must be painted and requires maintenance.
**Insulating Chambers:**
Pillows of air reduce energy loss through the spacer.

**Structural Spacer:**
Contains NO metal but uses a polycarbonate spacer element.

**Encapsulated Desiccant:**
A protected layer of concentrated drying agent to prolong life.

**3-sided Continuous Moisture Barrier:**
Impermeable to gas and water vapor.

**DURALITE™ SPACER*:**
Our Duralite Spacer System insulates the edge of glass better than a solid foam or metal spacer. It is hollow, trapping air for maximum thermal performance. The patented air pocket design creates the lowest U-value available.

CompositWood Architectural Series windows have been designated as “Envirosealed” windows through the use of the Duralite Spacer System technology, which saves energy, saves money and helps to save the environment.

* A warm edge stainless steel spacer of stainless steel color will be used on patio and swing doors, sash over 84” in any direction, sash over 60” in both directions, windows requiring tempered glass, and windows requiring 3/16” or 1/4” glass.

**InDuraClean Water Filtration System:**

**Step 1:** Sophisticated multistage water purification system eliminates over 90% of small particles assuring sparkling clean glass units.

**Step 2:** The purified water is then deionized to remove remaining tiny mineral deposits.

**Step 3:** Deionized water is additionally subjected to ultraviolet lighting to kill bacteria.

**Result:** Minimal water usage to conserve natural resources, minimal detergent use, exceptionally clean glass and glass panes that aggressively adhere to the DuraLite spacer to assure the very best insulated glass seal.

**InDuraClean Glass Sealing Clean Room:**

**Step 1:** Air entering the clean room is filtered to remove dust and other pollutants, keeping the washed glass exceptionally clean.

**Step 2:** Technicians wear specialized gloves and surgical masks to prevent finger print and contamination of the insulated glass units.

**Step 3:** Positive pressurization forces filtered air from the clean room, eliminating infiltration of airborne pollutants.

**Step 4:** Climate controlled for optimal air temperature application of DuraLite insulating glass spacer while keeping technicians cool and comfortable.

**Step 5:** Air is dehumidified to assure the perfect humidity levels for optimal spacer application.

**Result:** The cleanest glass and best insulated seal possible.

**OptiGas® Fill Equipment:**

**Step 1:** The OptiGas advanced, precise gas filling system allows individual insulated glass units to reach optimal energy saving U-factors.

**Step 2:** OptiGas measures the actual amount of argon gas flowing into each insulated glass unit to precisely control the gas fill, assuring optimal thermal performance and energy efficiency.

**Result:** Interstate has a 95% argon gas fill rate—an industry best.
GLASS PACKAGES - INCREDIBLE THERMAL VALUES®
ALL COMPOSITWOOD WINDOWS ARE ENERGY STAR QUALIFIED

STANDARD WHOLE WINDOW NFRC CERTIFIED DUAL ENERGY SAVER
Double Pane: Low E + Clear; Argon

*U-factor:
.24 - Double Hung
.23 - Casement, Awning
.21 - Double Hung w/Dual Energy Saver IS
.21 - Slider with Dual Energy Saver IS
.25 - Direct Set Picture Window
.20 - Direct Set Picture Window with Dual Energy Saver IS
.19 - Casement with Dual Energy Saver IS
.20 - Awning with Dual Energy Saver IS

SOUTH GLASS PACKAGES
*U-factor:  SHGC:
.24    .20  Double Hung
.23    .20  Casement, Awning
.25    .21  Slider
.25    .25  Picture Window, Direct Set

All Triple Fuel Savers are designated ENERGY STAR Most Efficient.

WHOLE WINDOW NFRC CERTIFIED TRIPLE FUEL SAVER™
Triple Pane: Low E + Low E + Clear; Argon + Argon

*U-factor:
.19 - Double Hung
.17 - Casement, Awning
.17 - Direct Set Picture Window

WHOLE WINDOW NFRC CERTIFIED TRIPLE FUEL SAVER PLUS
Triple Pane: Low E + Low E + Clear; Argon + Argon + Krypton

*U-factor:
.19 - Double Hung, Slider
.15 - Casement, Awning
.15 - Direct Set Picture Window

WHOLE WINDOW NFRC CERTIFIED TRIPLE FUEL SAVER MAX
Triple Pane: Low E + Low E + Clear; Krypton + Krypton

*U-factor:
.15 - Double Hung
.15 - Slider
.14 - Casement, Awning
.13 - Direct Set Picture Window

OptiGas Calibration System
verifies thermal performance and assures precise gas fill in each window.

A new distinction that recognizes products that deliver cutting edge energy efficiency along with the latest technological innovation. It is an award that truly represents the very best of ENERGY STAR. Many CompositWood windows earn the coveted ENERGY STAR Most Efficient mark for 2018.

*All values based on 2.3 mm glass pane thickness. Results may vary with different glass thicknesses, tempered glass, sash/frame reinforcement, special grid applications and other specialty glass types.
**EXTREME ENERGY EFFICIENCY**

With high thermal performance values, all CompositWood® Architectural Series windows far exceed ENERGY STAR criteria and many are recognized as ENERGY STAR “Most Efficient.” Our products are AAMA and NFRC certified, then independently 3rd party verified to further ensure they meet or exceed industry structural and energy efficiency standards.

CompositWood Architectural Series windows can more than DOUBLE the ENERGY STAR U-factor insulating efficiency value of the most extreme northern climate, and exceed by over FOUR TIMES the ENERGY STAR U-factor window insulating qualification for the southern climate zone.

**ENERGY STAR CLIMATE ZONE MAP**

A new distinction that recognizes products that deliver cutting edge energy efficiency along with the latest technological innovation. It is an award that truly represents the very best of ENERGY STAR. Many CompositWood windows earn the coveted ENERGY STAR Most Efficient mark for 2018.
CompositWood Architectural Series OPTIONS

Grid Options

Grids add a distinctive look to your home’s curb appeal. Grids Between Glass (GBGs) afford easy cleaning. Simulated Divided Lites (SDLs) are permanently adhered to the glass panes inside and out and are designed to look like a true multi-paned window.

Color Options

Finishes

14 In-Stock Paint Colors

Colonial Flat (GBGs)
Colonial Contour (GBGs)
Simulated Divided Lites (SDLs)

Hardware Options

CompositWood Architectural Series windows utilize only the strongest, most attractive, easiest operating and highest performing hardware available in today’s market.

Due to printing limitations, all colors and finishes shown are approximate.
OUR VISION
TO PROVIDE A SUPERIOR CUSTOMER EXPERIENCE
Many companies promise quality but don’t have the talent, experience or qualified dealer installers to deliver it. We’re different - we only sell through qualified dealers. We help ensure that the people who work on your home will arrive with the skills necessary to do the very best installation. We consistently maintain an experienced workforce. Longevity of many employees at Interstate exceeds decades and generations, assuring the experience of our staff. We know the value of treating customers and employees with honesty and integrity. Integrity and honesty are more than just words – it’s how we run our company every day.

TO LISTEN AND RESPOND
Our reputation has been built on a persistence in working with customers to complete projects from start to finish. In fact, our future depends on it. We will treat you with personal respect and do our best to ensure you are fully satisfied with our windows and project experience.

TO BUILD ONLY THE BEST PRODUCTS - 100% AMERICAN MADE
Interstate was the first window company to launch a vinyl window for the new construction market, and the first to offer a snap-on j-channel. Now we are the first to launch a full line of CompositWood® and CompositWood Architectural Series windows, our premier window line, which combines the most advanced framing materials and insulated glass packages in the industry to deliver the best energy performance, operation and durability. Every part that goes into CompositWood is made in America.

We outsource very few components so we can control quality and delivery times. For example, we build our own cutting edge insulated glass units, grids, screens and specialty angle shaped windows in-house. CompositWood Architectural series windows are manufactured by a proven company that builds products engineered to last a lifetime.

AWARDS
- Certificate of Special Recognition for Product Innovation - United States Senate
- Citation from Senate of Pennsylvania for Product Innovation
- Citation from Pennsylvania House of Representatives for Product Innovation
- Manufacturing Excellence Award - Pennsylvania Manufacturers’ Association
- Northeast Pennsylvania Manufacturers & Employers Association Award for Excellence for Product Innovation
- National Association of Manufacturers Excellence Award for Product Innovation
- Manufacturing Excellence Award - Pennsylvania Manufacturers’ Association
- National Association of Manufacturers Excellence Award for Product Innovation
- Northeast Pennsylvania Manufacturers & Employers Association Award for Excellence for Product Innovation
- Manufacturing Excellence Award - Pennsylvania Manufacturers’ Association
- National Association of Manufacturers Excellence Award for Product Innovation

1986
Interstate donated windows used in the Restoration Pavilion of the Statue of Liberty National Monument