

# Legacy Bay & Bow Window Series



**Beauty is only  
the beginning**

# Bay Bow Design Features

Windows are an important component of any home – bringing in natural light, affecting the home's overall look, and framing the world outside. Our bay and bow windows are made with skilled craftsmanship and from high quality materials. Each is structurally sound and mulled together with solid wood mullions. The interior showcases real wood trim around each individual window, as opposed to the commercial solid white look of vinyl mulled units.

## GENERAL INFORMATION

- Bay/bow windows are built to custom opening sizes.
- Frames can be built to accommodate any wall thickness.
- Many different insert window (sash) combinations are available.
- All normal replacement window options are available for the insert windows (sash).
- A variety of projection angles:
  - 15-, 30- or 45-degree Bay Window Styles
  - 10- and 15-degree Bow Window Styles with your choice of three, four or five lites
  - Custom styles, on any half degree, are also available



## STANDARD DESIGN FEATURES

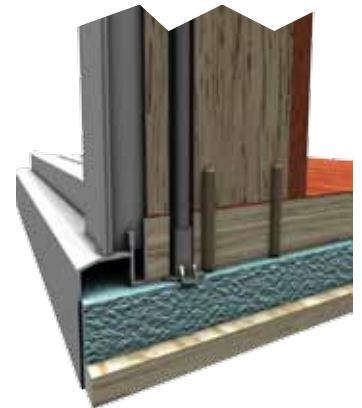
### CNC PRECISION & DOWEL PIN LOCATION

The foundation for quality when building bay/bow windows is in the plywood frame and vertical mullions. If these two design elements are subpar, then trouble will follow. All of our frames are cut with and mullions located by using precision CNC technology. Reaching this high level of accuracy assures that every projection window we sell is rich in craftsmanship and durability.



### DUAL MULLION CONSTRUCTION

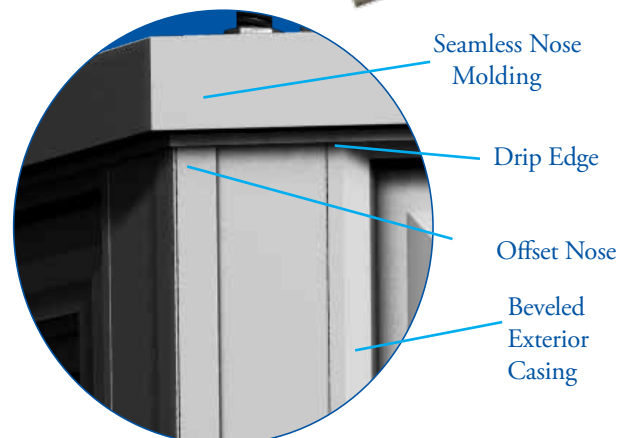
Our bay/bow windows are manufactured with both solid wood mullions and a continuous threaded rod that is connected with a commercial-grade T-nut at the seat, then runs to the nut connection at head board.



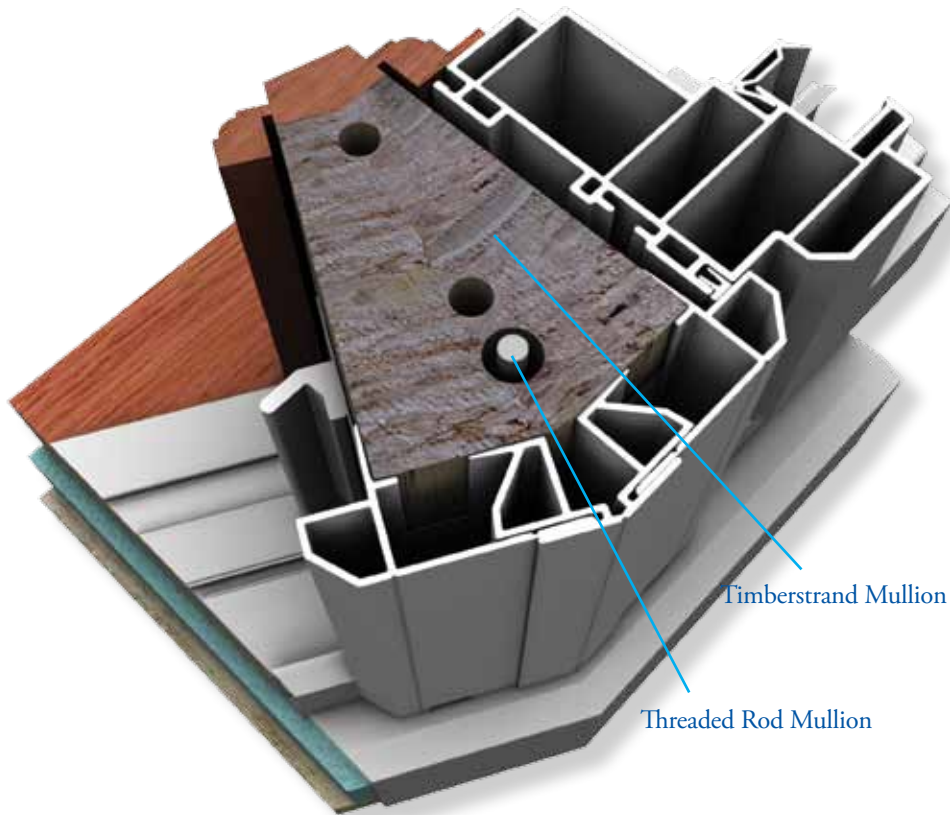
The combination of these two design elements is unmatched in strength and stability. Structurally sound, this design will not warp, sag, or pull apart over time to ensure the units are weatherproof and remain long-lasting fixtures.

### OFFSET NOSE DESIGN & EXTERIOR APPEARANCE

Our exterior design comprises a unique combination of our offset nose, beveled profiles and non-linear jambs. Each component works in unison to create a properly finished regal exterior appearance that exudes a level of craftsmanship uncommon in most designs. Functionally, the offset nose correctly tucks exterior casing away, creating an overhang. The overhang aids in water deflection and leaves a seamless nose molding without any unfinished areas to be sealed or maintained. Furthermore, a drip edge at the top of the unit works to direct water away from these important connections.



# Bay Bow Design Features



## DEAD STOP INSTALLATION

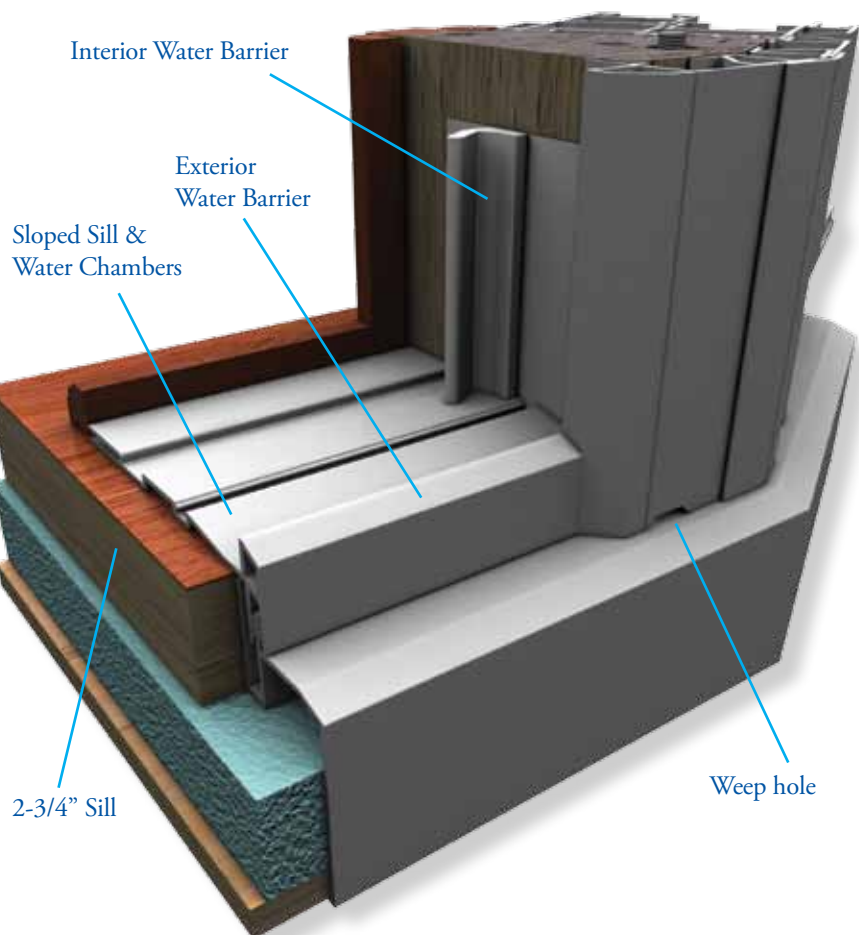
Insert windows are independently installed and are mullied together using our “Dual Mullion” system providing the freedom to combine virtually any window styles. Inserts can be installed on jobsite and they can be removed individually if needed.

## MOISTURE RESISTANT FILLER

The Timberstrand® mullion not only provides unprecedented structural stability to the frame but also acts as a moisture resistant filler. It effectively eliminates condensation associated with ambient air and serves as a non-conductive thermal break.

## WEEPED SILL PAN SYSTEM

Every bay/bow window features a fully integrated and weeped sill pan – carefully designed to provide an efficient secondary measure against water penetration. A sloped sill feeds into large water chambers that drain through discreetly fabricated weep holes located on the exterior cladding. The weep holes are baffled to reduce wind infiltration and to keep insects out. In the unlikely case that water or condensation reaches the internal assembly, the panning system protects the window from damage and keeps it dry.



## INSULATED SILL

In a world of growing energy concerns and rising energy costs, insulating the seat board is a necessity. A well-insulated seat board helps lower energy costs and protects against cold air transfer, condensation problems, and finish failures. All bay and bow windows come standard with an insulated seat board that has been integrated seamlessly into the window's overall design. A 1-1/2" thick insulated panel is attached to the hardwood plywood seat. Combined, this creates a 2-3/4" sill which yields an insulating value of R7.

# Bay Bow Decorative Options

## ROOFING MATERIAL OPTIONS

### Plywood

Pre-assembled, ready-for-finishing plywood roofs are built from professional-grade materials to exact measurements. All plywood roofing systems are easily installed and can be quickly finished with asphalt or wood shingles.



### Painted Aluminum

Like plywood roofing systems, painted aluminum roof systems are hand-crafted to precise measurements to ensure a perfect fit. Painted aluminum roofing systems are available in a variety of specially-formulated colors.



### Copper

There is nothing that compares to the sophistication that copper roofing systems bring to a bay or bow window. Intricately detailed and finely finished, these precision roofing systems arrive ready to install.



## SOLID-SURFACE SEAT BOARDS

This 1/2" thick solid-surface inlay creates a durable, waterproof seat board with a flair all its own.

## LAMINATED INTERIORS

Interior lamination adds durability – helping to protect against dings and water damage. Five standard colors of laminated interiors are available on all projection windows. Choose from seat board only lamination or entire interior plywood lamination.



## RECESSED LIGHTING

Recessed lights are available for both plug-in or hard-wired applications. Plug-in applications feature a 10' cord with switch.

### LED LIGHTING



White

Satin Nickel

Brushed Copper

### TRADITIONAL LIGHTING



White

Polished Bronze

Polished Copper

## REAL WOOD INTERIOR TRIM

The interior of your new bay/bow window will be trimmed with solid Oak. Real wood interior trim adds warmth and craftsmanship to these showcase windows. The molded trim breaks up an otherwise flat and bland appearance making the bay or bow feel like it is a part of the room and not just an afterthought.



## FINISHED INTERIORS

Factory-finished interiors can save you time, money and the potential for costly mistakes. During the factory pre-finishing we are able to individually finish each component in a clean humidity controlled environment and then assemble your unit.



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