

BAY & BOW VINYL PRODUCT INFORMATION



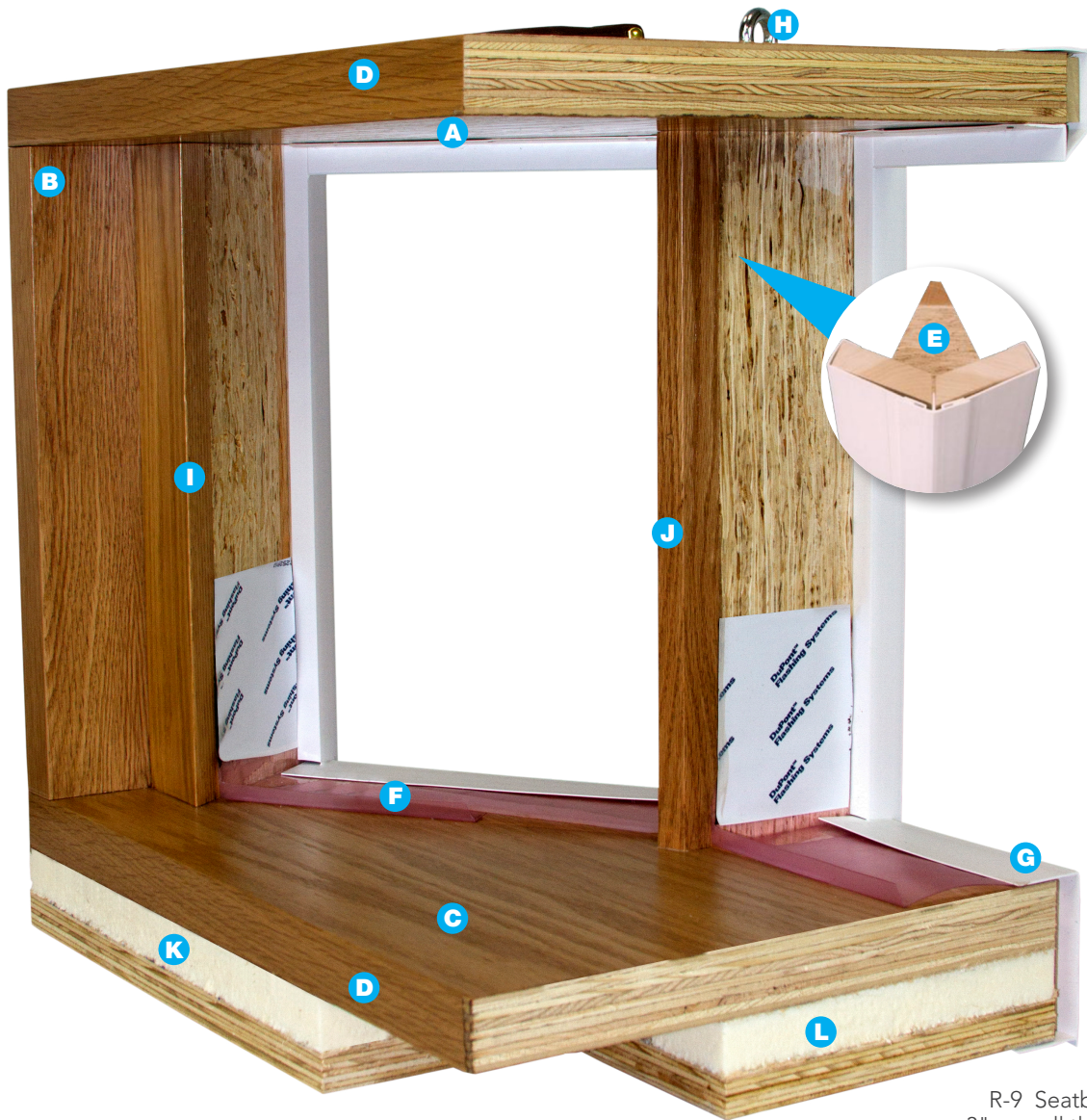
# BAY & BOW

VINYL PRODUCT INFORMATION

# STANDARD CONSTRUCTION

## Features

- A** Head
- B** Side Jamb
- C** Seat Board
- D** Edge Banding
- E** Solid Wood Mullions
- F** Window Panning System
- G** PVC Exterior Cladding
- H** Cable Support System
- I** Side Wedge
- J** Mull Cap
- K** Fully Insulated (optional)
- L** Insulate to Jamb (standard)



R-9 Seatboard  
3" overall thickness

**A Head**

**B Side Jamb**

**C Seat Board:**  
1 1/4" Furniture Grade Oak or Birch Veneer

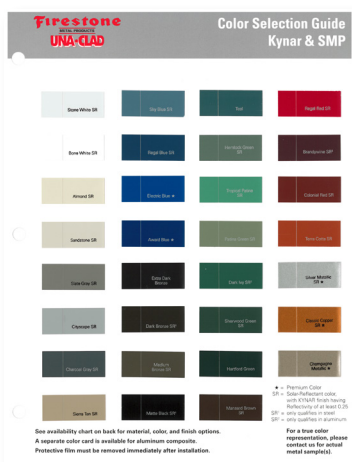
**D Edge Banding:**  
Exposed plywood interior edges of the head, seat and side jambs are covered with matching wood edge banding.

**E Solid Wood Mullions:**  
Our solid wood mullion design is lag bolted to the head and seat for maximum strength and support. This unique design is made out of TimberStrand® laminated lumber.

TimberStrand is made from Aspen trees cut into thin strands and then dried and laminated together with a polyurethane resin. It is then pressed and steam injected to create a wood billet creating a strong and durable material that is 25% stronger than standard wood and will not absorb or release moisture.

**F Window Panning System:**  
This window panning system is the ultimate protection against water infiltration. The PVC panning profiles wrap around and are adhered to the vertical mullions & seat board creating an interior gutter system.

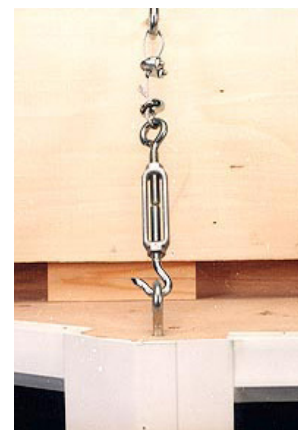
**Roofing Color Selection Guide:**  
Choose from a large selection of attractive roofing colors. See Dealer for a color selection guide.



**G PVC Exterior Cladding**  
The exterior is PVC vinyl wrapped. Available colors:

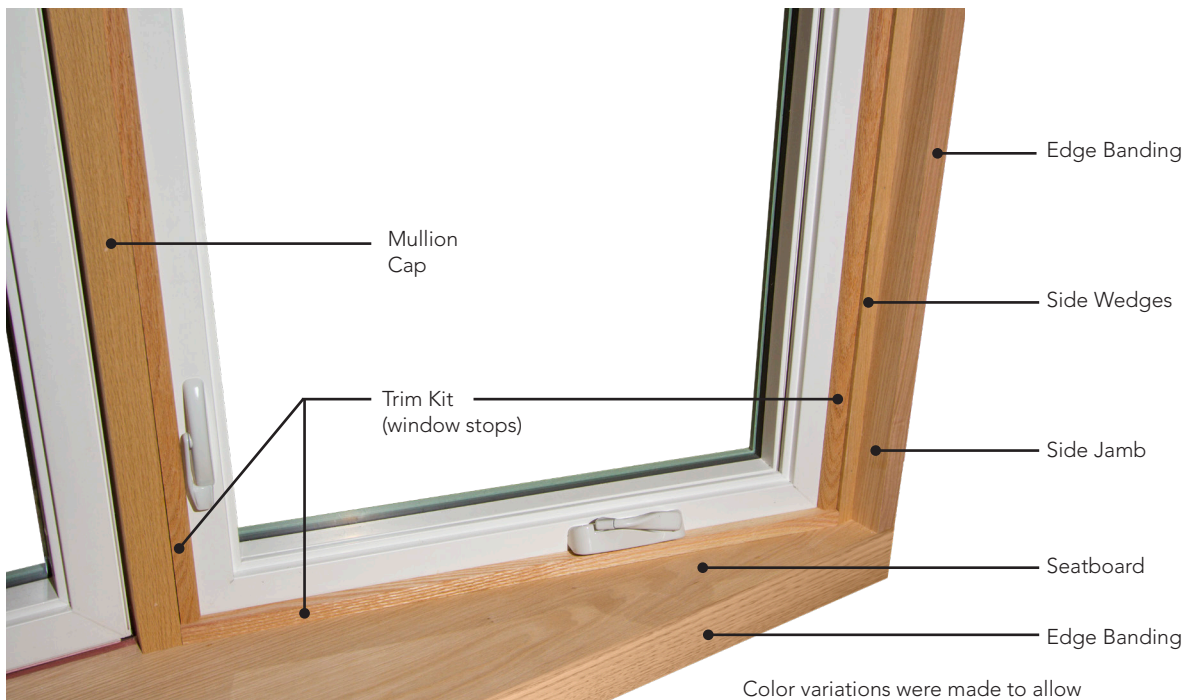


**H Cable Support System with Adjustable Turnbuckles:**  
To ensure our windows will never bow or sag, we use an adjustable turn-buckled cable support system to support the frame from the top with heavy-duty 6" hook and turnbuckle.



Adjustable Hanging Support System  
600lb Working Load Limit per Support

# HEAD, SEAT & SIDE JAMBS FINISHING OPTIONS



Color variations were made to allow visualization of trims and casing.

## Standard

Unfinished Oak or Birch head, seat, side jamb & trim kit.

On unfinished interiors, the trim kit will be shipped loose (optional factory install). Mullion Caps and side wedges will be factory installed.

Head, seat and side jambs will have unfinished wood edge banding.

## Optional

Stained head, seat, side jamb, side wedges, mullion caps and trim kit.

Painted head, seat, side jambs, side wedges, mullion caps and trim kit.

Laminated head, seat & side jambs with painted side wedges, mullion caps & trim kit.

Combination of painted or stained side wedges, mullion caps & trim kit in contrast with head, seat & side jambs.

## Stain & Paint Colors for Head, Seat, Side Jambs & Trim Kits

Head, seat and side jambs will have wood edge banding finished to match.



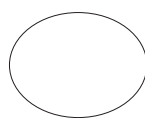
Classic Oak



Dark Oak



Traditional Cherry



White



Beige



Sandstone

Classic & Dark Oak come on Oak Head, Seat & Side Jambs.  
Traditional Cherry comes on Birch Head, Seat & Side Jambs

Paint Colors are only available on Birch wood.

## Finished Trim Kit Only

Finished trim kits with unfinished head, seat and side jambs are available. In this case the trim kit will be finished to match the interior window color.

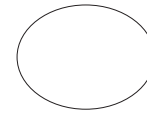
# HEAD, SEAT & SIDE JAMBS FINISHING OPTIONS (CONT.)

## Laminate Colors for Head, Seat & Side Jambs

Laminate is available for the following:

### Seat Board only

- Units with laminated seat board only are available with finished or unfinished head, side jambs, side wedges, mullion caps & trim kits.
- The head, seat & side jambs will always have laminate edge banding that matches the color of the seat board.



White



Beige

### Head Board, Seat Board & Side Jambs

- Side wedges, mullion caps & trim kits will be painted White or Beige to match unless specified otherwise.
- The head, seat & side jambs will always have laminate edge banding that matches the color of the seat board.

# INTERIOR PAINT & STAIN FINISH SUGGESTIONS

Head, Seat & Jamb Wood Species	Bay/Bow Interior Finish Color	Casement, Double Hung & Picture Window Interior Color					
		White	Beige	Sandstone	Classic Oak	Dark Oak	Traditional Cherry
Oak	Unfinished	Standard	Standard	Standard	Standard	Standard	N/A
	Classic Oak/Honey Wheat	Optional	Optional	Optional	Matches	N/A	N/A
	Dark Oak/Almond	Optional	Optional	Optional	N/A	Matches	N/A
	Caramel	Optional	Optional	Optional	N/A	N/A	N/A
	Truffle	Optional	Optional	Optional	N/A	N/A	N/A
	Ginger	Optional	Optional	Optional	N/A	N/A	N/A
	Pecan	Optional	Optional	Optional	N/A	N/A	N/A
Birch	Espresso	Optional	Optional	Optional	N/A	N/A	N/A
	Unfinished	Standard	Standard	Standard	Standard	Standard	Standard
	Snow Mist White	Matches	Optional	Optional	Optional	Optional	Optional
	Sandpiper Beige	Optional	Matches	Optional	Optional	Optional	Optional
	Sandstone	Optional	Optional	Matches	Optional	Optional	Optional
	Café Cream	Optional	Optional	Optional	Optional	Optional	Optional
	Primrose Yellow	Optional	Optional	Optional	Optional	Optional	Optional
	Chateau	Optional	Optional	Optional	Optional	Optional	Optional
	Sandstone	Optional	Optional	Optional	Optional	Optional	Optional
	Sterling Gray	Optional	Optional	Optional	Optional	Optional	Optional
	Clay	Optional	Optional	Optional	Optional	Optional	Optional
	Geneva Blue	Optional	Optional	Optional	Optional	Optional	Optional
	Enzian Blue	Optional	Optional	Optional	Optional	Optional	Optional
	Forest Green	Optional	Optional	Optional	Optional	Optional	Optional
	Vallis Red	Optional	Optional	Optional	Optional	Optional	Optional
	Mountain Berry	Optional	Optional	Optional	Optional	Optional	Optional
	Rustic Bronze	Optional	Optional	Optional	Optional	Optional	Optional
	Tudor Brown	Optional	Optional	Optional	Optional	Optional	Optional
	Coal Black	Optional	Optional	Optional	Optional	Optional	Optional
	Traditional Cherry/Toffee	Optional	Optional	Optional	N/A	N/A	Matches
	American Cherry	Optional	Optional	Optional	N/A	N/A	N/A
	Chestnut	Optional	Optional	Optional	N/A	N/A	N/A
	Cinnamon	Optional	Optional	Optional	N/A	N/A	N/A
Nutmeg	Optional	Optional	Optional	N/A	N/A	N/A	
Hazelnut	Optional	Optional	Optional	N/A	N/A	N/A	
Coffee Bean	Optional	Optional	Optional	N/A	N/A	N/A	
Fruitwood	Optional	Optional	Optional	N/A	N/A	N/A	
Natural	Optional	Optional	Optional	N/A	N/A	N/A	

# INTERIOR CASING

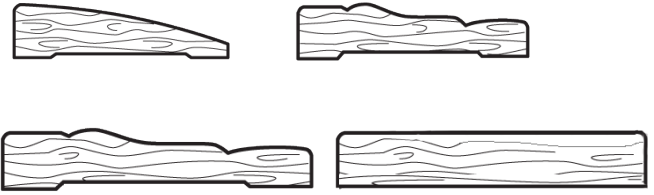
## For Stain:

All interior casing for Birch seat, head, and side jambs will be Maple stained to match Head, Seat & Side Jambs.

All interior casing for Oak seat, head, and side jambs will be Oak stained to match Head, Seat & Side Jambs.

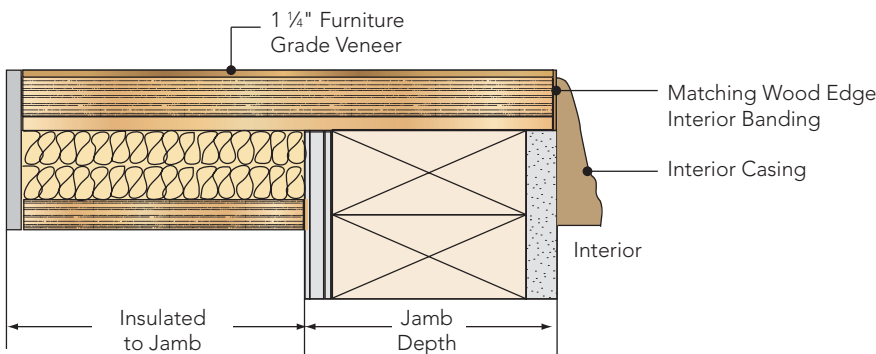
## For Paint:

All interior casing will be Poplar painted to match Head, Seat & Side Jambs.

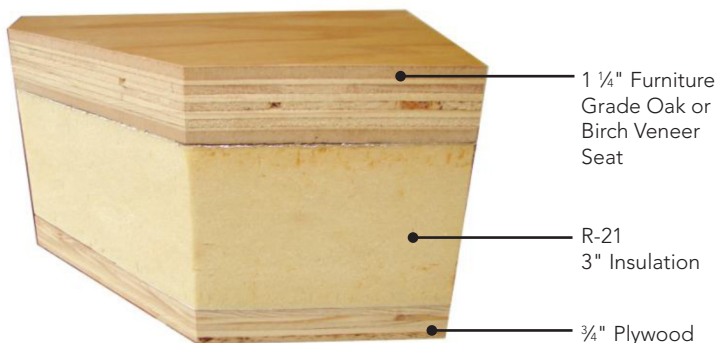


2 1/2" Modern, 2 1/2" Colonial, 3 1/2" Colonial, 3 1/2" Flat

# INSULATED SEAT BOARD



3" Overall Thick Insulated Seat Board



5" Overall Thick Insulated Seat Board

## Insulation Seat Board Options

- R-9 (standard) - Features a unique layered design combining 1" high density Polyisocyanurate Insulator Board (Dow® Tuff-R™) and 3/4" exterior plywood surface.
- R-21 (upgrade) - Features a unique layered design combining 3" high density Polyisocyanurate Insulator Board (Dow® THERMAX™) and 3/4" exterior plywood surface.

## Insulation Options

- Insulated to jamb (standard).
- Customize to insulate to a specific dimension from inside (to accommodate special situations).
- Non-insulated Seat Board
- Insulated Head Board not available.

# BRACE SYSTEMS

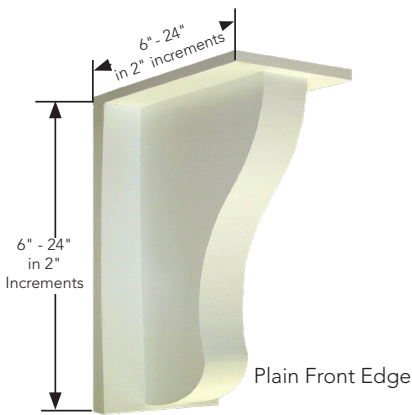


8 -  
#6x2"  
Phillips  
Panhead  
Screws

## 2x4" Knee Brace Support:

Two 2x4 knee braces wrapped in a vinyl (white or beige).

These are used to temporarily support the window unit until the cable support system is secured.



22 - Snap on  
Caps



13 -  
#10x3"  
Phillips  
Panhead  
Screws



9 -  
#8x1 1/2"  
Phillips  
Panhead  
Screws

## Decorative Knee Braces:

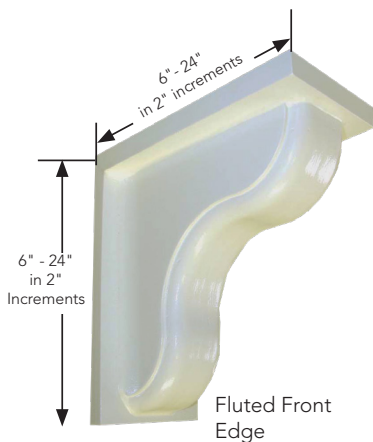
Two Knee Braces with installation screwpack

Back and Top made from 3/4" Poplar

Matches Exterior Window Colors

Measures: 1 1/4" thick with available sizes:

- Available from 6" to 24" in 2" increments
- Braces are symmetrical, downward leg is same as the projection.



## Deluxe Decorative Knee Braces:

Two Knee Braces with installation screwpack

Back and Top made from 3/4" Poplar

Matches Exterior Window Colors

Measures: 2 1/2" thick with available sizes:

- Available from 6" to 24" in 2" increments
- Braces are symmetrical, downward leg is same as the projection.

# ROOF SYSTEMS



## Wood Roof Kit:

Easy to Install

Top panels are screwed into place and are easily removed to allow for installation of unit, cable support system, and insulation

Pre-assembled hip style wood roof system (does not include flashing or shingles)

$\frac{3}{4}$ " Exterior Grade Plywood sheeting with  $1\frac{1}{4}$ " Plywood rafters

2" Overhang from the bay or bow frame

Standard roof height is approx. two-thirds of exterior window projection



## Painted Aluminum Roof Kit:

Includes Wood Roof Kit

Easy to Install - panels are pre-cut and slide into place

Custom made to fit pre-assembled wood roof system

.032" gauge painted aluminum features a premium Kynar

500®/Hylar® 5000 Glidden® Nubelar® finish that is available in 28 colors



## Copper Roof Kit:

Includes Wood Roof Kit

Easy to Install - panels are pre-cut and slide into place

Includes pre-assembled wood roof system

Custom made to fit pre-assembled wood roof system

16 oz. Copper available in a natural finish (aging will turn to Patina Green) or with an Inccralac protective coating. Inccralac coating preserves the "new penny" copper-look and can be re-applied to maintain a shiny finish



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