

HORIZONTAL SLIDING WINDOWS

Sierra Pacific's sliding window is a space saving alternative to a two-wide casement window, because the operable sash slides in the plane of the frame rather than opening outward, as with a casement window. The sliding window provides a good solution for areas where your walkways are snug against your home leaving little or no space for windows that project outward.

Love your backyard barbeques? Simply remove the screen and our sliding window provides the convenience of a pass-through from the prep area in the kitchen to the outdoor entertainment area – eliminating the need to balance trays of food or condiments as you attempt to negotiate the door to the patio.

The Sierra Pacific sliding window will complement your contemporary design and is available in many standard size and configuration options.





HORIZONTAL SLIDING WINDOWS

Horizontal Sliding Window Standard Features

Sash and Frame Interior

1 Sash and frame components for the aluminum clad exterior Horizontal Sliding Window are manufactured from kiln-dried, preservative-treated Ponderosa Pine or Douglas Fir. Interiors are available unfinished, clear and ready to prep for stain or paint. An optional factory-applied interior prime coat is available. Douglas Fir interiors are also available in a distressed finish.

2 All Horizontal Sliding Window sash are a full 1 1/2" thickness.

3 All sash corners have mortise and tenon joints that are sealed and screwed.

Aluminum Clad Exterior

4 Exterior surfaces of both sash and frame are clad with .062" extruded aluminum (one of the thickest on the market) available in a palette of 35 Heritage, 5 Metallic, 5 Pearl Metallic, 6 Weathered and 3 Anodized Collection colors, as well as custom colors finished to meet AAMA 2604 specifications. AAMA 2605 finishes are available upon request. Multiple exterior colors can be used in single units to suit any architectural design.

5 Extruded aluminum frame corners are sealed with silicone and pads and secured with screws.

6 A continuous extruded aluminum nailing flange is an integral part of the frame extrusion – stout and watertight.

7 The mitred corners of the nailing flange are sealed with factory-applied, butyl corner pads.

A factory-applied, extruded aluminum drip cap in matching color is standard with all products.

Glazing

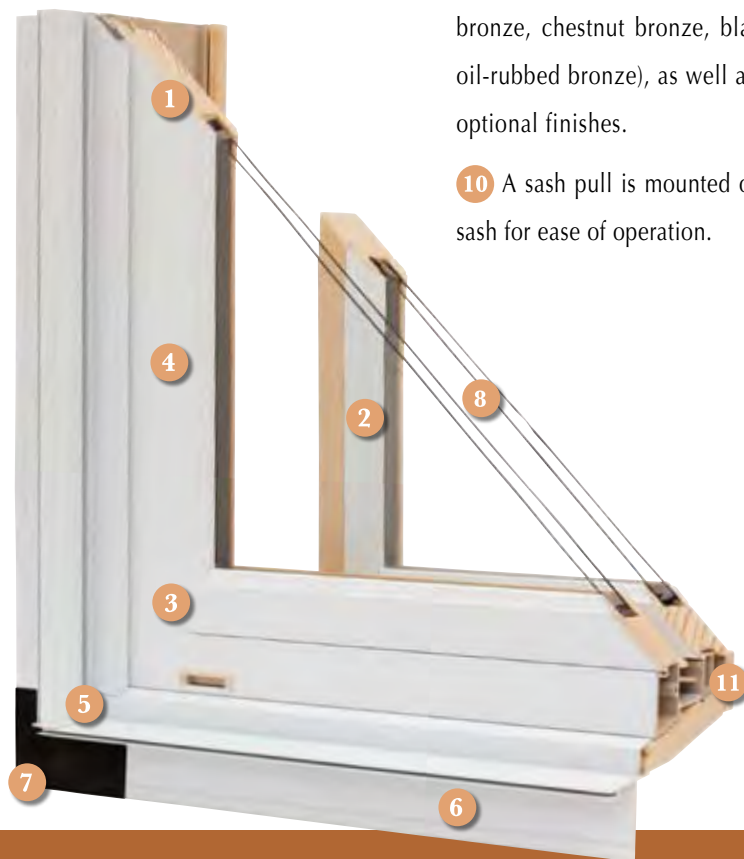
8 Sierra Pacific products are available in either single or insulated configurations with double strength glass. Insulated

units are 3/4" overall, separated by 1/2" TrueWARM® Edge structural foam spacer from Edgetech. All standard types of glass are available - from LoE to tints to specialty glazings - as is the capillary tube system for high altitude. The glass is dual bedded with a structural sealant and secured in the sash with a removable interior glazing bead.

Hardware

9 Flush-mounted, cam-style sash locks are factory-applied for security and positive closure. Units 42" and taller have two locks. Sash locks and pulls are available in standard finishes (coppertone, bronze, chestnut bronze, black, white or oil-rubbed bronze), as well as a variety of optional finishes.

10 A sash pull is mounted on the sliding sash for ease of operation.





Weatherstrip

11 The sill track and headliner are beige. The headliner features a compression design system and the sill has a dual durometer weatherstrip for added performance and smooth operation. A vinyl parting stop on the side jamb interfaces with a vinyl-wrapped foam-filled bulb on the sash stile to ensure a tight seal. The sash weatherstrip at the checkrail is a foam-filled bulb.

Screens

12 Screens are constructed with an aluminum frame and charcoal fiberglass cloth (18 x 16 mesh). The screen frame is installed in a channel on the exterior frame extrusion of the window and is held in place with spring-loaded plungers. The color matches the exterior clad color.



10

Pull



12

Screens



9

Sash Locks
Hardware Finish Options



Black (02)



Bronze (03)



Coppertone (11)



Chestnut Bronze (23)



White (32)



Oil Rubbed Bronze (51)



Antique Brass (14)



Brushed Nickel (19)



Bright Chrome (35)



Bright Brass (13)



Brushed Chrome (53)



Western Pewter (55)



Brushed Brass (58)



Brushed Antique Chrome (98)



Bright Nickel (54)



Bright Copper (45)



Brushed Copper (46)

Finishes shown are representative only. For an actual color sample please contact your Sierra Pacific Windows sales representative.

HORIZONTAL SLIDING WINDOWS

Divided Lites



1 5/16" Wood Interior
Colonial Simulite



1 5/16" Extruded Aluminum
Exterior Colonial Simulite



1 5/16" Distressed Wood
Interior Colonial Simulite



1 5/16" Wood Interior
Contemporary Simulite



Divided Lites

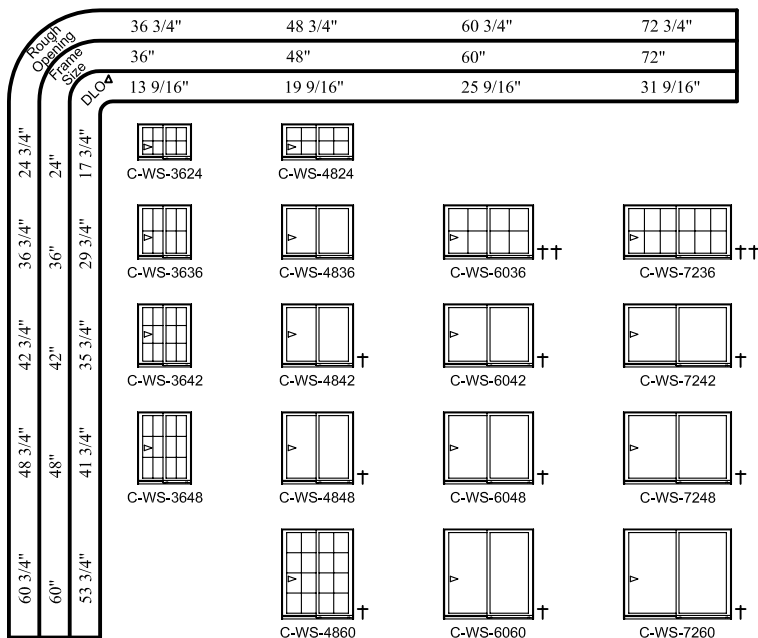
Interior simulated divided lite (simulite) bars are available in 7/8", 1 5/16" or 2" wide profiles in Ponderosa Pine or Douglas Fir available in Colonial or Contemporary profiles. Interior simulite bars are solid, clear, and suitable for staining or painting. Exterior simulite bars are made from extruded aluminum. Bars are permanently adhered to the glass surface with an ultra high bond adhesive tape.

Insulated units with simulite feature an internal shadow bar to give the appearance of authentic divided lites. Simulite bar widths can be combined in single units to satisfy the most demanding design needs - and lite patterns are limited only by your imagination.

Unfinished, full-surround, Colonial lite, roomside wood grilles are available. Grilles are secured in place with pushpins.

Airspace grids between the glass are available in 5/8" or 1" widths in champagne or white aluminum. These are featured in standard, rectangular lite patterns. There is no radius lite option.

CLAD HORIZONTAL SLIDING WINDOW SIZES (XO / OX)



Clad Horizontal Sliding Window Formulas
 (using extruded brickmould and sill nose)
Brickmould (Width) = Frame Width + 3"
Brickmould (Height) = Frame Height + 2 1/4"
Masonry Opening (Width) = Frame Width + 3 1/2"
Masonry Opening (Height) = Frame Height + 2 3/4"
 (masonry opening formulas pertain to units with brickmould)

CALLOUTS
 Clad Slider: C-WS

Notes:
 Additional sizes are available in 1/16" increments.
 Contact your SPW representative for more information.

Use structural mullions when necessary or required by code.

Local codes may differ. Verify egress conformance and tempered glass requirements with your local building code official.

- † These units conform to UBC egress requirements in standard 6'-10 1/2" header applications.
- †† This unit conforms to UBC egress requirements only when installed to a maximum sill height of 44" off the finished floor.

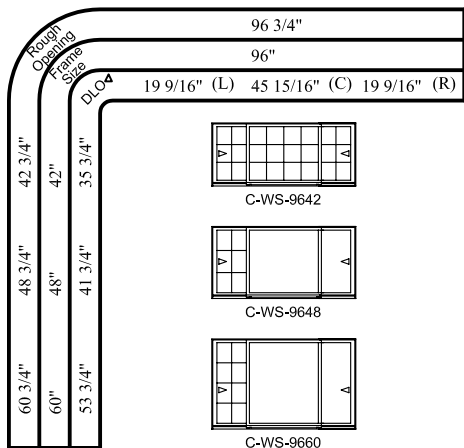
▲ DLO = Daylight Opening

Horizontal DLO is the same for both sash in XO and OX units.

Standard XO venting operation shown. OX units are also available.

- (R) Right sash.
- (C) Center sash.
- (L) Left sash.

CLAD HORIZONTAL SLIDING WINDOW SIZES (XOX)

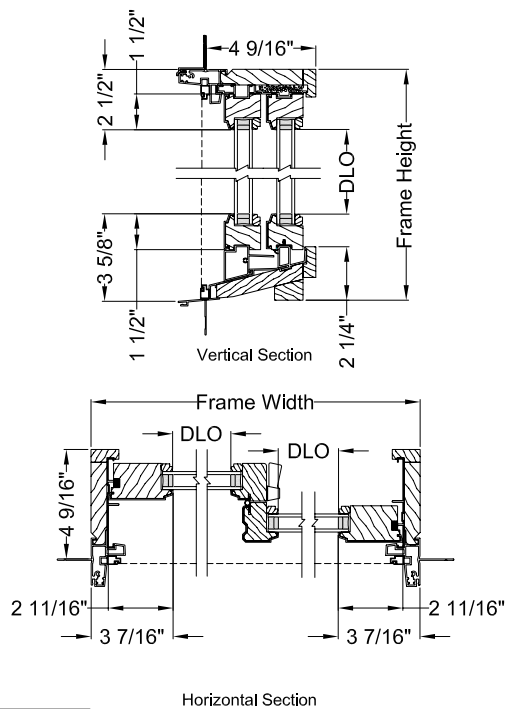


Scale: 3/32" = 1'-0"

HORIZONTAL SLIDING WINDOWS

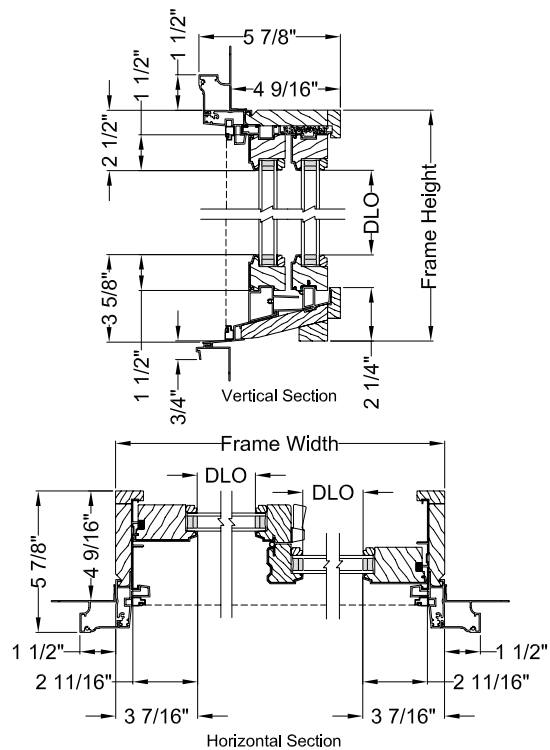
Horizontal Sliding Windows

Clad Horizontal Sliding Window



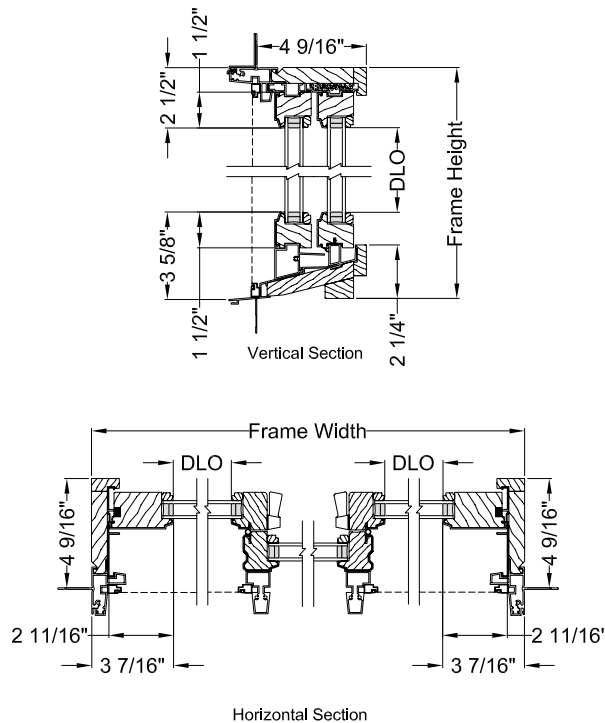
Clad Horizontal Sliding Window

(w/ Brickmould)



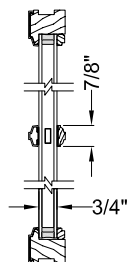
Scale: 1-1/2" = 1'-0"

Clad Horizontal Sliding Window (XOX)

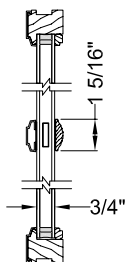


Scale: 1-1/2" = 1'-0"

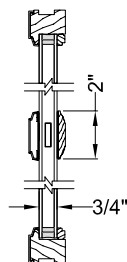
Clad Horizontal Sliding Window Simulite & Glazing Options



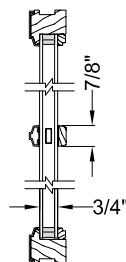
Insulated Glass w/
7/8" Simulite Bar
(Colonial)



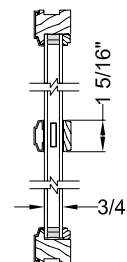
Insulated Glass w/
1 5/16" Simulite Bar
(Colonial)



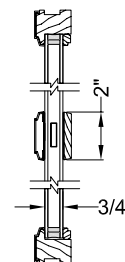
Insulated Glass w/
2" Simulite Bar
(Colonial)



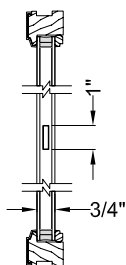
Insulated Glass w/
7/8" Simulite Bar
(Contemporary)



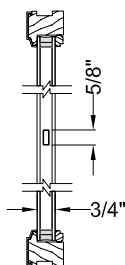
Insulated Glass w/
1 5/16" Simulite Bar
(Contemporary)



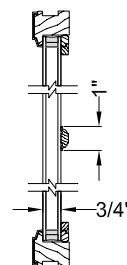
Insulated Glass w/
2" Simulite Bar
(Contemporary)



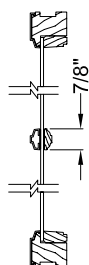
Insulated Glass w/
1" Grill Between Glass



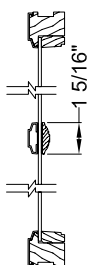
Insulated Glass w/
5/8" Grill Between Glass



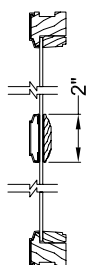
Insulated Glass w/
1" Interior Removable Grill



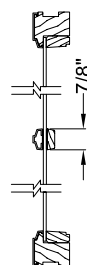
Single Glaze w/
7/8" Simulite Bar
(Colonial)



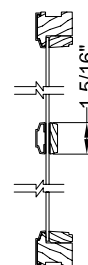
Single Glaze w/
1 5/16" Simulite Bar
(Colonial)



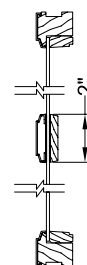
Single Glaze w/
2" Simulite Bar
(Colonial)



Single Glaze w/
7/8" Simulite Bar
(Contemporary)



Single Glaze w/
1 5/16" Simulite Bar
(Contemporary)



Single Glaze w/
2" Simulite Bar
(Contemporary)

Scale: 1-1/2" = 1'-0"