

MERRILL MILLWORK

ASSEMBLY INSTRUCTIONS FOR: **OUTSWING**
PARK GARDEN CLAD & WOOD
PATIO DOORS
TRUE FRENCH TWO PANEL UNIT
XX

IMPORTANT WARRANTY INFORMATION

- For weather tightness is necessary that all appropriate places on this unit be caulked thoroughly using a quality silicone based product in sufficient amounts to provide squeeze out.
- It is necessary that the unit be plumb and square in opening.
- Because of the absorptive nature of unfinished wood it is necessary to seal all wood surfaces including the top and bottom edges of sash and inside of lock and hardware holes immediately after installation with high quality materials designed to keep out moisture.

STEP #1

With the inside facing down arrange frame components on a flat level surface for assembly.

STEP #2 USE CAULK

Apply caulk to the wood to wood contact points. Fasten side jambs to header using the connector bolts supplied.

STEP #3 USE CAULK

Seal joint between sill and side jamb completely. Failure to do so will result in water penetration of frame. (see drawing A). Caulk between aluminum sill and side jamb. Fasten side jamb to sill with connector bolts and metal receivers in ends of sill extrusion and oak threshold.

*For all aluminum 1/2" high wheelchair accessible sill caulk joint between sill and side jamb.

STEP #4

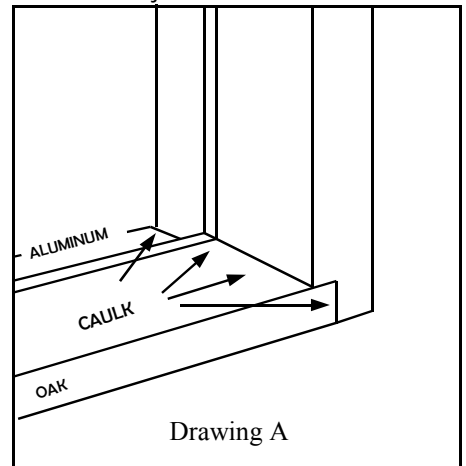
Place the astrigal to the edge of the sash that will be used less often (secondary). Be sure the outside surface of the sash is flush with the outside edge of the astrigal. Attach with the screws provided.

STEP #5

Insert and secure the flush bolts into the ends of the astrigal using the screws provided. Attach small strike plate to header.

STEP #6

Install four assembled hinges into each of the two side jambs in the pre-mortised locations. Align hinge mortises in operating sash with the hinges fastened to side jamb and attach with screws provided. The unit is now ready to install in opening.

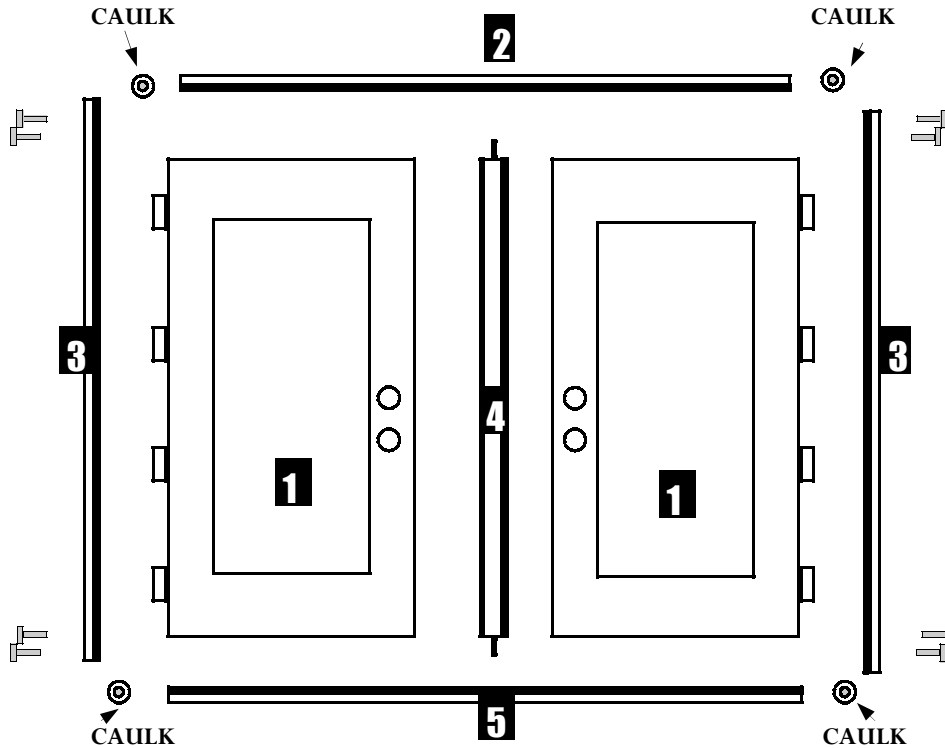


STEP #7 USE CAULK



Before installing unit caulk subflooring generously where sill is to be set. A continuous seal at perimeter of sill insures weathertightness. Place frame into opening. Plumb the unit and shim where necessary before nailing the unit in place.

STEP #8

Install latch set and deadbolt per hardware manufacturer's instructions.



PARTS LIST

- 1. OPERATING SASH*
- 2. HEAD JAMB
- 3. HINGE JAMB
- 4. ASTRICAL W/FLUSH BOLTS
- 5. SILL
-  FRAME BOLTS
-  CAULKING
- POINTS

ASSEMBLY HARDWARE

- 8 HINGES W/SCREWS
- 8 FRAME CONNECTOR BOLTS
- 2 FLUSH BOLTS W/STRIKES & SCREWS

* NOTE: BOTH SASH SHOWN BORED FOR STANDARD HARDWARE. MULTI-POINT HARDWARE WILL HAVE DIFFERENT BORING. ALSO SECONDARY PANEL MAY HAVE NO MACHINING IF SPECIFIED ON ORIGINAL ORDER.