

1. Check each door rough opening for correct dimensions. Make sure each rough opening is level, plumb, and square. **SILL MUST BE FLAT AND LEVEL** (use shims if needed).
2. Apply jamb flashing as described in AAMA 2400-10.
3. Apply (2) 3/8" diameter beads of high quality sealant continuously across the sub floor where the Sill Pan/Jamb Sill will be located. Continue the sealant 12" up both rough opening frame jambs. This will provide a weather tight seal between the floor and the doorsill. Reference the Sill Pan/Jamb Sill Installation Instructions prior to Door installation.
4. Apply a bead of high quality sealant to the top surface of the Sill Pan/Jam Sill (per Sill Pan/Jam Sill Instructions) prior to door installation.
5. Apply a continuous bead of high quality sealant to the back side of the mounting flange facing the interior.
6. Place door into rough opening, making sure fin is flat against wall (face board) and centered.
7. **CHECK DOOR FOR LEVEL, PLUMB, AND SQUARE:** including diagonally – corner to corner inside & outside. Next, screw/tack nail through fin to hold door in place. Use caution to prevent twisting door Frame, causing Jamb Deflection, and potentially making door operation difficult.
8. Apply fasteners 10" to 16" O.C. Do not fasten within 3"

from corners. Apply shims where support is needed. Be sure to shim behind each hinge to give them support. Use one hole per hinge to fasten with a long screw in order to penetrate the trimmer stud for extra support.

9. Apply sealant and head flashing as described in AAMA 2400-10.
10. **DOOR HARDWARE ATTACHMENT:** refer to instructions contained inside the hardware carton.
11. As part of the final installation inspection performed by the installer, the door should be checked for proper operation.

WOOD FINISHING:

To best protect and maintain the wood's natural beauty, you must immediately seal and finish interior wood surfaces before, or right after installation. Windows and Doors stored for later delivery or installation must be kept in a warm, dry climate.

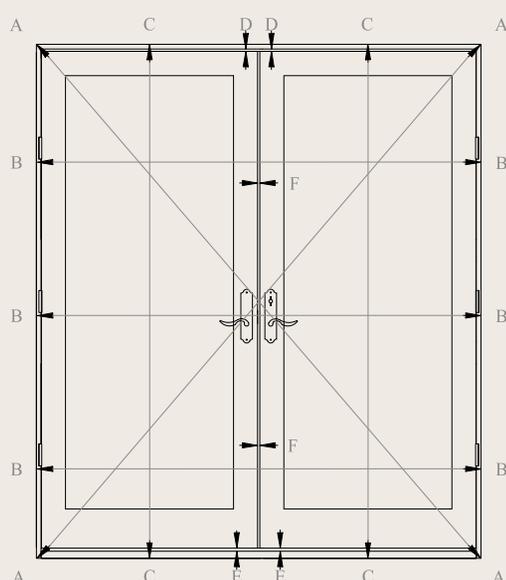
1. You must clean the wood surfaces before staining or painting WoodClad™ windows and doors. Lacquer thinner applied with a clean cloth will remove most dust and dirt from wood surfaces. Some residue removal may require use of a synthetic fiber abrasive pad. Recommend using only a fine finish, light-duty pad (usually a white color), or a general purpose pad (usually a green color). Caution: Do not use abrasive cleaners or solutions containing such as Acetone, Benzene, or Methyl Ethyl Ketone, they may damage the Painted Surface

or Wood Veneer on Milgard Products and void the Warranty.

2. If you use a synthetic fiber abrasive pad, it is recommended to again wipe the wood surfaces with lacquer thinner applied with a clean terry cloth.
3. Allow enough time for the lacquer thinner to dry completely. A dry wood surface ensures proper paint adhesion if applying a primer coat according to the manufacturer's instructions. If staining wood surfaces, first ensure the wood surfaces are dry. Prior to applying a Wood Conditioner, lightly sand using only 220 grit or higher Sand Paper. The use of any Sand Paper less than 220grit will void the Milgard Warranty. Next, it is recommended that you first apply a wood conditioner according to the manufacturer's instructions. Caution: When applying Wood Conditioner, Stain, Sealer, Primer, and/or Paint avoid contact with Weather-strip, Hardware, Rollers, and Handles. Contact with component parts can deteriorate or damage component finishes and may require replacement.

Immediately finish all wood surfaces after primer coat or wood conditioner application. Allow ample time for dry cure period. For paint or stain application, follow the paint or stain manufacturer's application instructions carefully. All wood surfaces must be sealed when applying a Stain Finish. Seal by applying two or three coats of a polyurethane-based sealer according to the manufacturer's instructions.

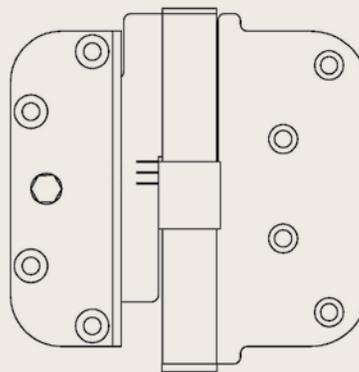
IN-SWING FINAL INSTALLED DIMENSIONS FOR WOODCLAD FRENCH DOORS. CHECK ALL MEASUREMENTS DURING AND AFTER INSTALLATION.



MEASUREMENTS:

- A: Diagonals must be equal dimensions.
- B: Must be equal to dimension of door width.
- C: Must be equal to dimension of door height.
- D: From the interior, the gap between the top of the door and the head frame should be 3/16" uniform for proper operation of the door.
- E: WoodClad In-swing: From the interior, the gap between the top of the threshold and the bottom of the door panel should be 1/4" uniform for proper operation of the door.
- F: WoodClad In-swing: From the interior, the gap between the panels should be 3/16" uniform for proper operation of the door. There should be 1/16" to 1/8" between the Frame Jamb and the Panels.

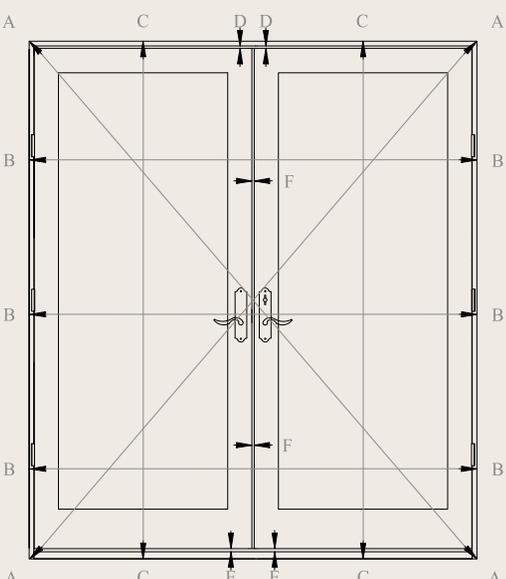
**HINGE ADJUSTMENT DETAIL:
In-Swing Hinge**



ADJUSTMENT STEPS:

1. When adjusting vertically up always start with the middle hinge first. Then adjust top & bottom hinges to the middle hinge setting. This will equal out the weight to all three hinges.
2. When adjusting vertically down, back the adjustment screw down several turns on both top and bottom hinges. This will relieve the weight from these hinges allowing you to adjust the middle hinge downward. Adjust the top & bottom hinges back to the middle hinge setting to equal the weight to all three hinges.
3. Horizontal adjustments: The middle hinge needs to be adjusted halfway between the adjustment of the upper & lower hinge. Example: When adjusting the top hinge two turns and the bottom one turn, the middle hinge will require one and a half turns. $(2 + 1)/2$ This will relieve any undo hinge stress that may result when improper adjustments are made. If you turn more than two turns, the screw will strip and require you to remove the hinge from the panel to reset the screw to start over.

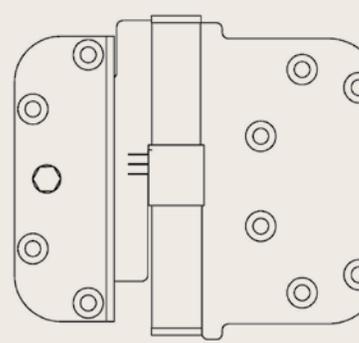
OUT-SWING FINAL INSTALLED DIMENSIONS FOR WOODCLAD FRENCH DOORS. CHECK ALL MEASUREMENTS DURING AND AFTER INSTALLATION.



MEASUREMENTS:

- A: Diagonals must be equal dimensions.
- B: Must be equal to dimension of door width.
- C: Must be equal to dimension of door height.
- D: From the exterior, the gap between the top of the door and the head frame should be 3/16" uniform for proper operation of the door.
- E: WoodClad Out-swing: From the exterior, the gap between the top of the threshold and the bottom of the door panel should be 1/4" uniform for proper operation of the door.
- F: WoodClad Out-swing: From the exterior the gap between the panels should be 3/16" uniform for proper operation of the door. There should be 1/16" to 1/8" between the Frame Jamb and the Panels.
- G: WoodClad Out-swing hinge: Two extra holes are provided for contractor to install installation screws into jamb stud. Ensure that frame is shimmed correctly between the door frame and the stud at hinge locations.

**HINGE ADJUSTMENT DETAIL:
Out-Swing Hinge**



ADJUSTMENT STEPS:

1. When adjusting vertically up always start with the middle hinge first. Then adjust top & bottom hinges to the middle hinge setting. This will equal out the weight to all three hinges.
2. When adjusting vertically down, back the adjustment screw down several turns on both top and bottom hinges. This will relieve the weight from these hinges allowing you to adjust the middle hinge downward. Adjust the top & bottom hinges back to the middle hinge setting to equal the weight to all three hinges.
3. Horizontal adjustments: The middle hinge needs to be adjusted halfway between the adjustment of the upper & lower hinge. Example: When adjusting the top hinge two turns and the bottom one turn, the middle hinge will require one and a half turns. $(2 + 1)/2$ This will relieve any undo hinge stress that may result when improper adjustments are made. If you turn more than two turns, the screw will strip and require you to remove the hinge from the panel to reset the screw to start over.

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4. Apply a continuous bead of sealant to the back side of the mounting flange facing the interior.
5. Place door into rough opening, making sure fin is flat against wall (faceboard) and centered.
6. CHECK DOOR FOR LEVEL, PLUMB, AND SQUARE, then secure through fin to hold door in place.
7. Apply fasteners 10" to 16" O.C. Do not fasten within 3" from corners. Apply shims where support is needed.
8. Apply sealant and head flashing as described in AAMA 2400-10.
9. DOOR HARDWARE ATTACHMENT: refer to instructions contained inside the hardware carton.
10. As part of the final installation inspection performed by the installer, the door should be checked for proper operation.

11. WOOD FINISHING:

- A. Interior wood surfaces must be finished immediately.
- B. Finish sand all wood surfaces (220 grit).
- C. Seal, stain or paint, and topcoat according to paint manufacturer's instructions.

- D. Abrasive cleaners or solutions containing corrosive solvents must NOT be used. They may destroy door finishes and dissolve the insulated glass seal.

PREPARE ROUGH OPENING (R.O.): Make sure the opening is square and the sill area is level and straight.

