NEW CONSTRUCTION INSTALLATION

Preparing the Opening

1) Before installation, be sure you have read the instructions thoroughly.

2) Make sure door opening has at least 1/4" clearance (both width and height) and is free from dirt or debris.

3) Apply a bead of high-performance caulk (within 3/8" from the edge) around the perimeter of the door opening where the door frame will be installed against the exterior and on the sill plate.

Installing the Patio Door

1) Lift and place the patio door into the rough opening, use the proper help and/or equipment needed to install door properly and safely.

2) Place the door sill on the sill plate and make sure the sill is level, shim if necessary (only under each jamb end). Press the patio door firmly into the caulk and loosely fasten one of the upper corners.

3) Check the frame for plumbness and the jambs for straightness, shimming as necessary.

4) Make sure the patio door frame is perfectly square, take diagonal measurements.

5) Close the active sash until it meets the edge of the door frame, to be sure the gap is even along the entire edge of the door; check the reveal between the active sash and door frame.

6) Fasten the patio door frame to the rough framing through the center of the slots in the nail fin, making sure to fasten door to wall in every other hole. Be sure that sealant makes full contact with nail fins, as well as jambs, header and sill. Secure the sill only after flashing has been placed behind it.

7) When fastening at the head and jamb, the frame should remain straight and not bow. This will prevent problems with the sashes operating correctly. Make sure no bowing in frame.

8) Install window wrapping tape according to the manufacturer's instructions to seal.

Important: For brick applications allow a minimum of 1/4" between the frame and brick for expansion or thermal contraction.

Caution: DO NOT drill through the sill of doors to install alarms or for any reason.

Foam: The use of expanding foam voids the warranty unless it is marked on the can as low expansion foam. Expanding foam can cause distortion and hinder sash operation.

REPLACEMENT UNIT INSTALLATION

Preparing the Opening

1) Measure opening to be sure unit will fit properly. Allow at least a minimum of 1/4" clearance (both width and height).

2) Remove existing patio door and clean the opening. Head, sill, and jambs must be free and clear of protruding objects (nails-etc.).

3) Properly clean the opening of dirt and debris.

4) Apply a bead of high-performance caulk on the sill plate from end to end.

Installing the Patio Door

1) Position patio door in opening and compress it tightly against the caulked sill.

2) Plumb, square, and level door in opening so that sashes are equal with the main frame. To make sure the door frame is perfectly square, take diagonal measurements.

3) Install the installation screws centering the frame from side to side and checking to be sure the frame remains square. Shim each corner as you run the screws keeping the frame centered and square. When shimming under sill, only shim at the ends under the jambs. Ensure that fastening around the perimeter occurs at minimum every 24 inches.

4) Using wood shims or jamb adjusters make sure each jamb is straight and the main frame measures the same at the opening at the top, middle, and bottom. Insulate around all four sides of the frame.

5) Check patio door for proper operation, locking, and fit. Make adjustments as necessary.

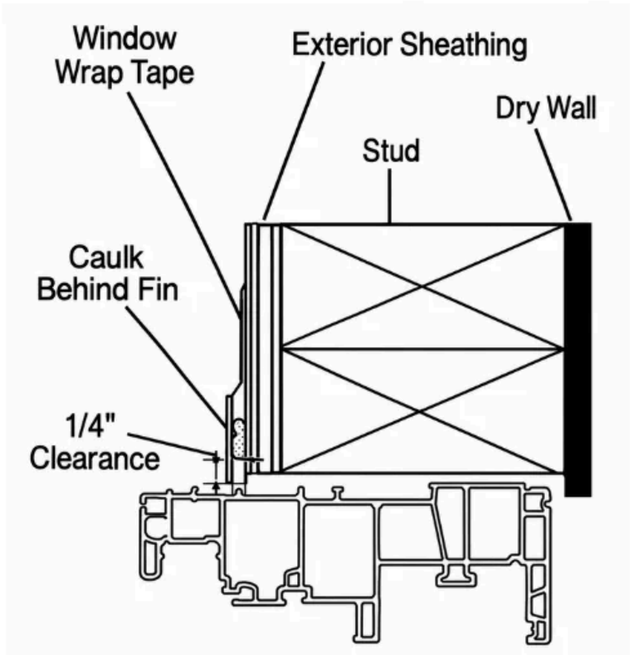
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THE HOME GUARD PREMIUM SLIDING PATIO DOOR HAS BEEN TESTED FOR AN AAMA DESIGN PRESSURE (DP 55) RATING, WITHSTANDING AIR SPEEDS EXCEEDING 150 MPH.

Thank you for choosing a Patio Door manufactured by Home Guard Doors and Windows.



Installation w/ Nailing Fin

HOME GUARD DOORS & WINDOWS

HGI

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WARRANTY REGISTRATION FORM