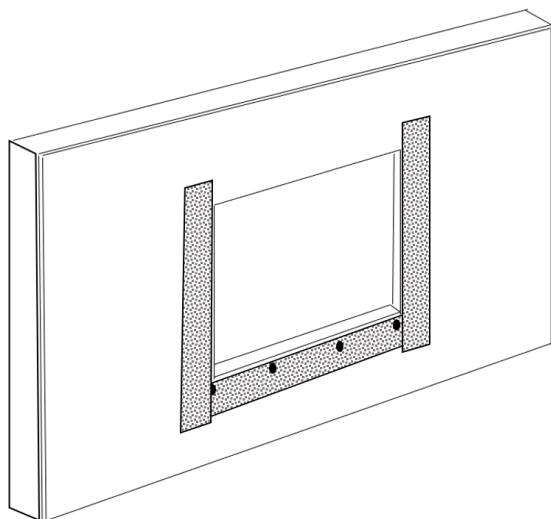


NOTES: A sill pan may be added. Sill pans maybe pre-fabricated or site fabricated using SMA Tech Times Bulletin. Before proceeding to STEP THREE ensure flashing strips are not torn, ripped or punctured

A basic 5 step flashing procedure for a nail-flange style window in framed walls was introduced by the plastering and window industry in the 1970's. This method has been modified to meet and comply with field water tests per AAMA protocols with a concealed or an exposed sealant joint. .

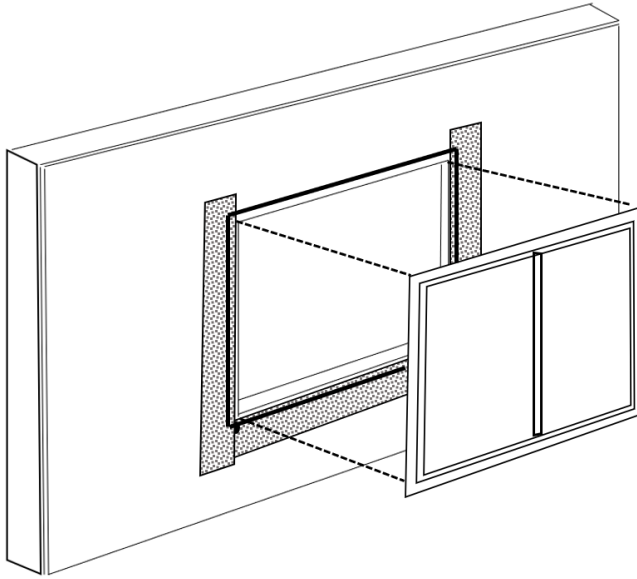
It is important to apply all layers in "shingle-fashion". Strip flashing must be a minimum 6 inches in width.

STEP ONE: Apply a strip of flashing membrane (sill flashing) across the bottom of the rough opening. Attach only along the top of the flashing as shown.



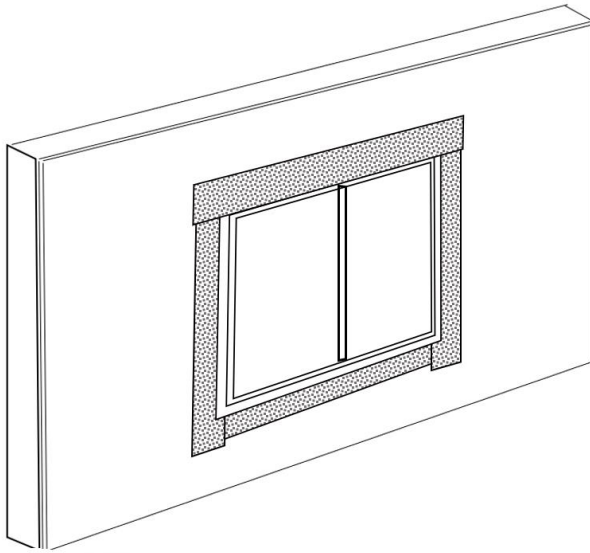
STEP TWO: Apply both vertical strips of flashing along rough opening, extend above rough opening a minimum of 4 inches, and down to fully cover sill flashing strip. TIP- Leave the lower section of jamb flashing that covers sill flashing unattached.

The SMA was incorporated in 1957 for the education and promotion of stucco. The SMA was integral in developing the first flashing protocols for flashing windows that were eventually adopted by AAMA and ASTM. Due to variations in site conditions beyond SMA control, no warranty, express or implied can be offered. This flashing procedure is proven practice in the field and with water penetration testing.



STEP THREE: Apply a continuous bead of sealant around edge of rough opening, over jamb and sill flashing strips. Set window flanges on sealant. This concealed sealant provides protection against air and water infiltration. If a sill pan is used, sealant along sill of opening may be deleted.

NOTE: The window should be rated with a Performance Grade (PG) to meet building requirements for Design Pressures (DP) and meet building code per AAMA/FGIA standards. Plastering contractor's scope of work starts at STEP FIVE. Lather should point out obvious errors with flashings or concerns with window installation and proceed as directed

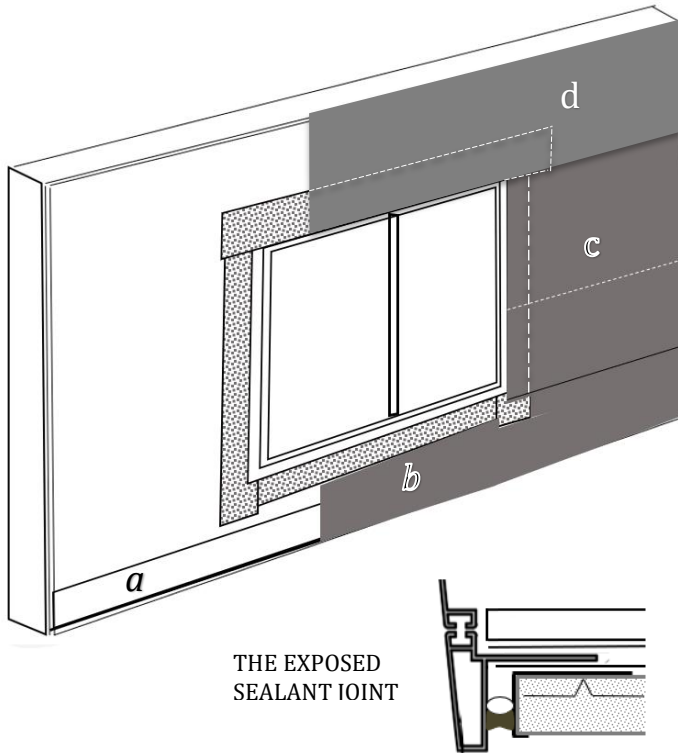


*SMA recommends a bead of sealant between head nail fin and head strip of flashing for CLIMATE ZONE A

STEP FOUR: Apply strip of flashing across head nail flange and to outer edge of jamb strips.

Check jambs and sill to ensure a complete seal of nail fins. Holes, cracks and any openings are sealed before proceeding to STEP FIVE.

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STEP FIVE: Apply first course of water-resistant barrier (*b*) “under” sill strip of flashing and “over” flange of weep screed (*a*). Apply second course (*c*) over jamb flashing strips and cover first course (*b*) not less than 2 inches. Install third course (*d*) and continue in shingle fashion with all flashings. Vertical laps shall be not less than 6 inches. A rigid head flashing is optional and recommended for CLIMATE ZONE A.

STUCCO/WINDOW FRAME: The exposed sealant joint is recommended for CLIMATE ZONE A and 4C. Stucco may abut the nail-flange window with only a “concealed” joint in CLIMATE ZONE B and 3C if the following conditions are met:

- The window is AAMA/FGIA gold labeled with a Performance Grade (PG) meeting the structure Design Pressure (DP) requirements.
- Framing is plumb/level with wood framing below 19% moisture content
- The building is less than 40 feet in height
- Window is not mulled or exceeds 72 inches in height or width
- Engineer of Record data has the Design Pressure not to exceed of 35 psf
- The window has an integral, continuous and undamaged nailing flange
- All lapping of flashing and water-resistant barrier(s) comply with steps 1-5.
- The architect of record or window manufacturer has NOT specifically required a casing bead and sealant joint around the window in stucco walls.

The SMA was incorporated 1957 for the education and promotion of stucco. The SMA can provide no warranty. This basic flashing procedure is based on historic practices and not meant to limit alternate methods of window flashing. Alternate methods of flashing a nail-flange window should be approved by local code authorities.