

## Designers:

- Nail-Flange windows should be AAMA (American Architectural Manufacturer Association) rated to meet or exceed the Performance Grade (PG) for the project. Refer to [www.aama.net](http://www.aama.net) for more information. When windows meet or exceed Design Pressure (PG) for the fenestration location, sill pans become optional.
- Rough framing should be dry (below 19%), plumb and level prior to setting the window
- Window manufacturers recommendations supersede SMA recommendations
- The nail-fin shall be continuous, undamaged and integral with the window frame
- Flashing procedure based on AAMA 2400-02 and ASTM E 2112-01 standards
- Comply with local Building codes.
- Window is recommended to be installed by an AAMA certified Installation Master [www.installationmastersusa.com](http://www.installationmastersusa.com)
- Field water test protocol (Scope and Purpose) apply to the lath and plaster (stucco) assembly as well as the window, refer to AAMA document # 502-11

AAMA/NWWDA 101/I.S.2-97 Performance Grade Classifications

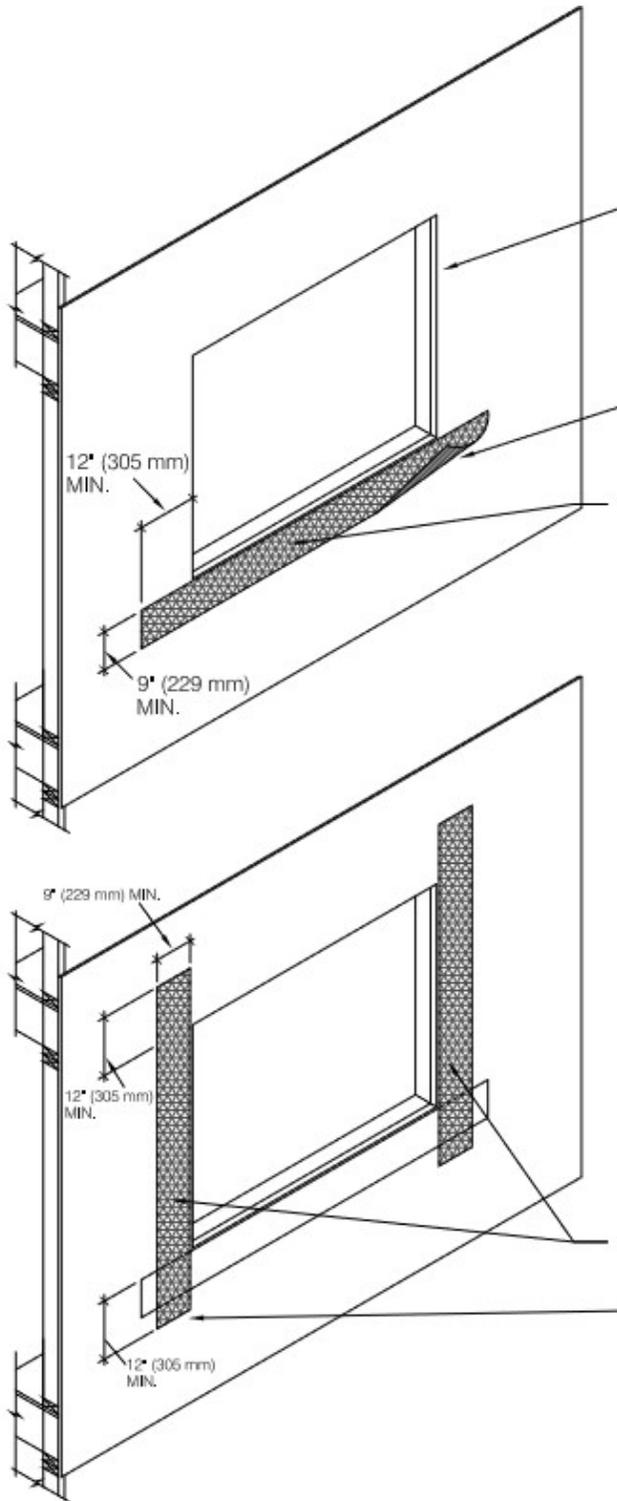
Window/Door Performance Class	Performance Grade (Minimum Design Pressure - lb/ft <sup>2</sup> )	Structural Test Pressure (lb/ft <sup>2</sup> )	Water Resistance Test Pressure (lb/ft <sup>2</sup> )
Residential (R)	15	22.5	2.86
Light Commercial (LC)	25	37.5	3.75
Commercial (C)	30	45.0	4.50
Heavy Commercial (HC)	40	60.0	6.00
Architectural (AW)	40	60.0	8.00

## Contractors:

Casing bead and sealant shall provide a seal between stucco assembly and the window. Stucco may abut the nail-flange window when all of the following conditions occur:

- The structure is PG rated for AAMA windows at LC-25 or less (gold label).
- The window shall meet or exceed the required Performance Class (PC).
- Windows should not be over 40 feet above grade
- Windows shall not exceed 72 inches in height, width or be mulled
- The nail-flange must be integral, undamaged and set in a continuous bead of compatible sealant.
- All laps shall be done in a “shingle-fashion” and exceed code minimums
- The architect of record has not “specifically” called for a backer rod and sealant

***As all situations vary, the SMA cannot provide a warranty. Alternates and upgrades, such as metal head flashings and sill pans are to be installed per the recommendation of the architect/designer of record.***



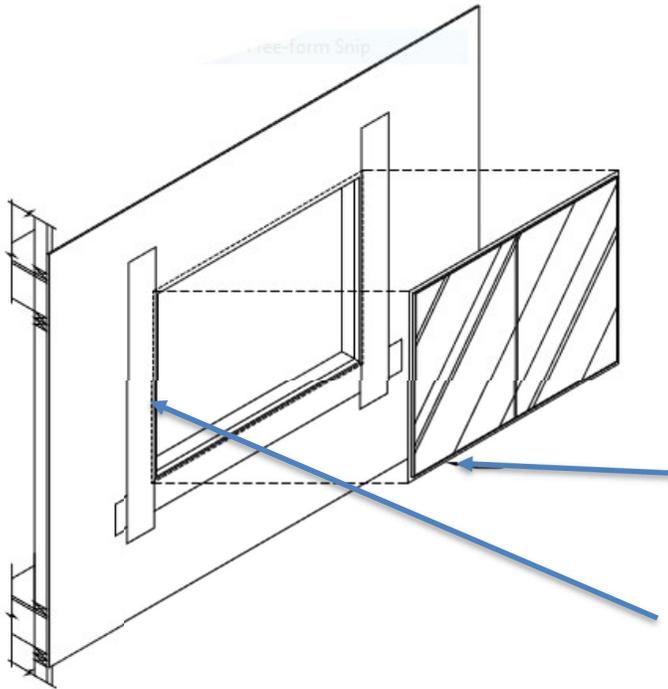
**ROUGH OPENING**

**LEAVE LOOSE FOR STEP 5**

**APPLY SILL FLASHING & EXTEND BEYOND ROUGH OPENING**

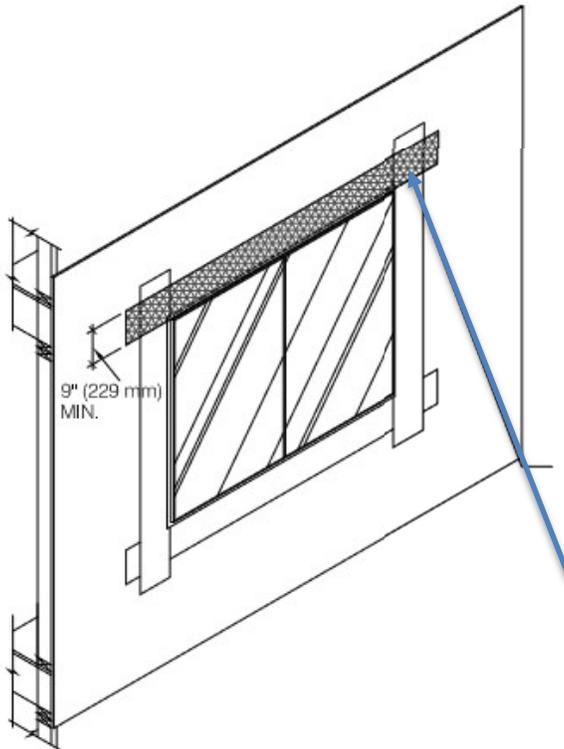
**APPLY JAMB FLASHING OVERLAPPING SILL FLASHING EXTEND TO OR PAST SILL FLASHING**

## Steps 1 & 2



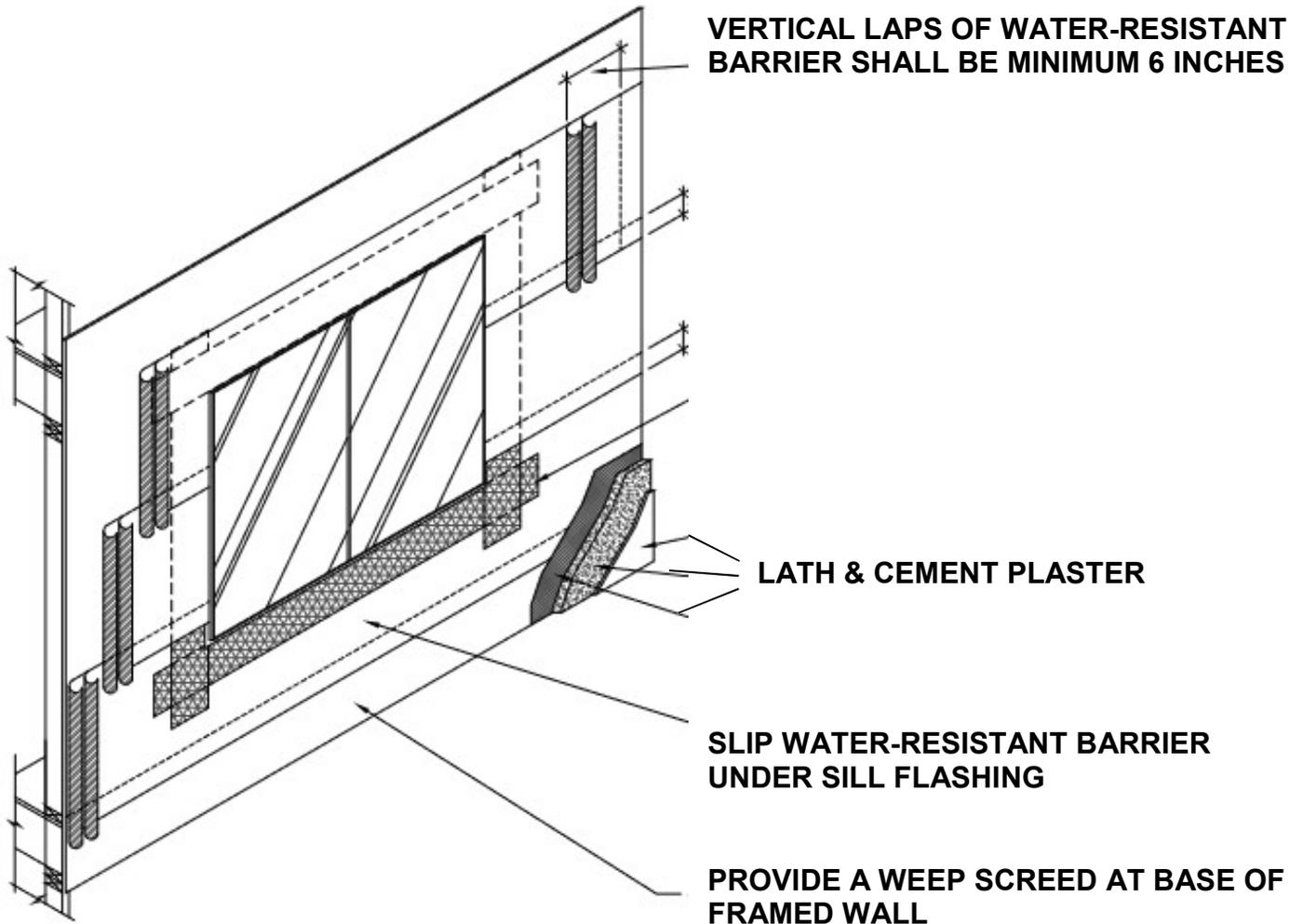
**INSPECT NAIL-FIN FOR DAMAGE**

**APPLY CONTINUOUS BEAD OF SEALANT AROUND ROUGH OPENING TO INSURE A COMPLETE SEAL**



**APPLY HEAD FLASHING STRIP**

## **STEP 3 & 4**



**STEP 5:** Apply Water-Resistant Barrier(s) WRB and integrate with flashings and trims in a “shingle-fashion”. This requires the WRB to be under the sill flashing. The WRB shall lap over the jambs and the head flashing. A casing bead and sealant shall be placed around the window perimeter, unless all conditions on page One are met.

*This is a proven and simple method for flashing an AAMA approved nail-flange style window. The SMA cannot provide a warranty, written or implied. Every situation is unique and approval is by the designer of record and local building official.*

[www.STUCCOMFGASSOC.COM](http://www.STUCCOMFGASSOC.COM)