

Exterior Systems
600-200
Rev 10/06

Penetration Flashing Recommendations

A concealed weather barrier system, like stucco, recognizes that small amounts of water can penetrate past the surface of the building envelope. Points of water entry which will penetrate to the concealed weather barrier system must be anticipated.

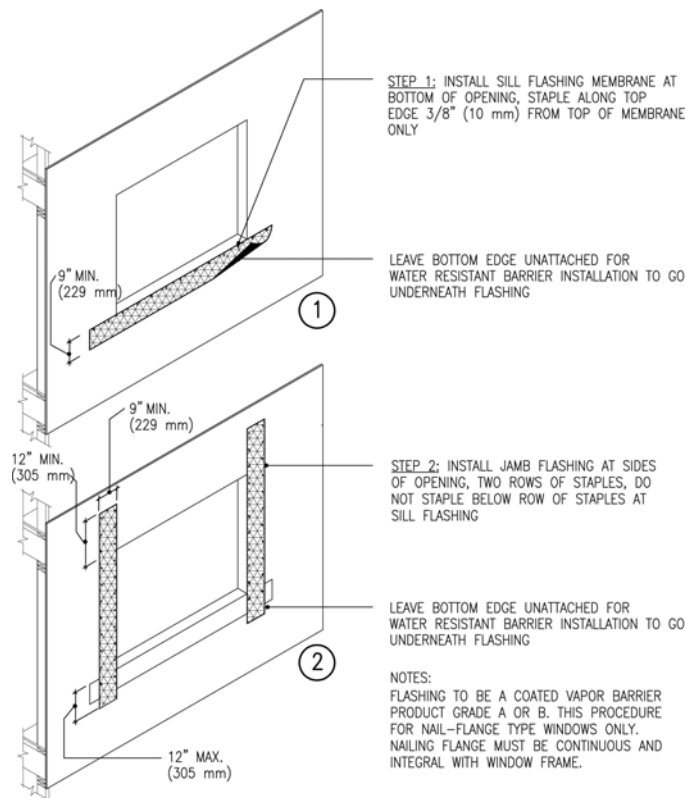
The following procedure is recommended to achieve the intent of Section 1402.2 of the Uniform Building Code.

INSTALLATION

Attach sill flashing at the edge of opening only, extend past jamb flashing.

Flashing Paper: Vapor barrier coated and reinforced - Grade A or B.

NOTE: Building papers, roofing felts and spunbonded polyolefins (house wraps) do not meet NWCB recommendations for flashing paper.



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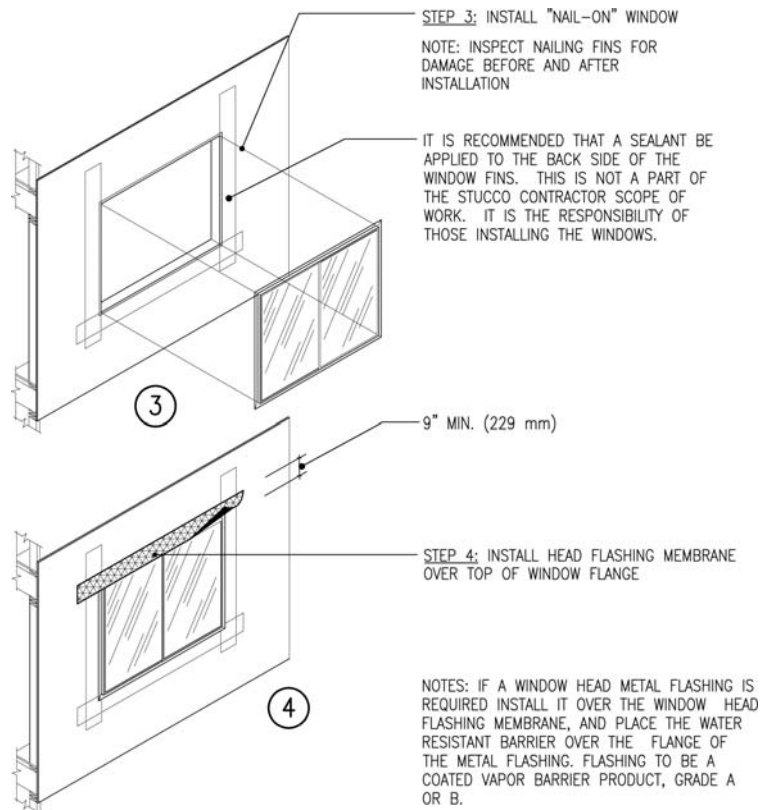
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SEALANT – Silicone per ASTM C-920

Apply a continuous bead of sealant within ½” of opening. Set window onto sealant and fasten to structure. Inspect window fins for damage. (diagram 3)



DRIP FLASHING

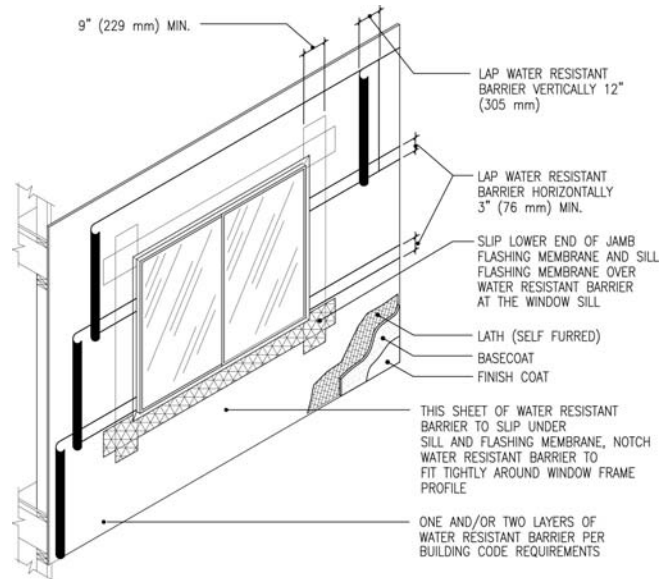
(Exterior grade PVC meeting ASTM D-1784 or minimum 24 ga galvanized steel – optional)

Apply flashing paper at head of window over nail flange. (diagram 4)

NOTE: Remove wrinkles and inspect for holes or tears.

BUILDING PAPER APPLICATION

Slip building paper (Grade D 60 Min.) under sill flashing. Second course of building paper laps over jamb flashing and third course laps over head flashing. Building paper must have horizontal laps of 2" minimum, 4-6" is recommended. Vertical laps must be 6" minimum, 9-12" is recommended.



NOTE: Sill flashing and jamb tabs are exposed and will shed water down and onto the building paper and must be allowed to ultimately weep out.

This technical document is to serve as a guideline and it is not intended for any specific construction projects. The NWCB makes no express or implied warranty or guarantee of the techniques, construction methods or materials identified herein.