# Window Installation using AAMA Method B and Lightning Flash Corners

## Lightning Flash by TLS Laboratories

1. VERIFY WINDOW INSTALLATION WITH WINDOW MANUFACTURER'S WRITTEN INSTRUCTIONS.

2. UNLESS SUPERSEDED BY WINDOW MANUFACTURER, THE ROUGH OPENING SHOULD BE 1/2" GREATER IN WIDTH AND HEIGHT THAN THE NET FRAME SIZE OF THE WINDOW.

3. VERIFY ROUGH OPENING IS SQUARE, PLUMB, AND LEVEL.

4. WINDOW SILL TO BE SET UPON LEVEL FRAMING SILL WITH CONTINUOUS SUPPORT. If using shims under the window, use a non-compressive inorganic shim material such as plastic horseshoe shims.
SUBSTRATES SHALL BE CLEAN, DRY AND UNIFORM AND SMOOTH PRIOR TO FLASHING APPLICATION.

5. WANED LUMBER WILL NOT BE USED at ROUGH OPENINGS LOCATIONS.

6. DOWNLOAD THIS FILE at WWW.TLSLABS.COM

GENE SUMMY - TLS LABORATORIES
Materials by:
THE FORTIFIBER BUILDING SYSTEMS GROUP

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**Fortifiber Building Systems Group** ®

*Protecting Your World from the Elements* ®

Lightning Flash Flashing Corners

# STEP 1

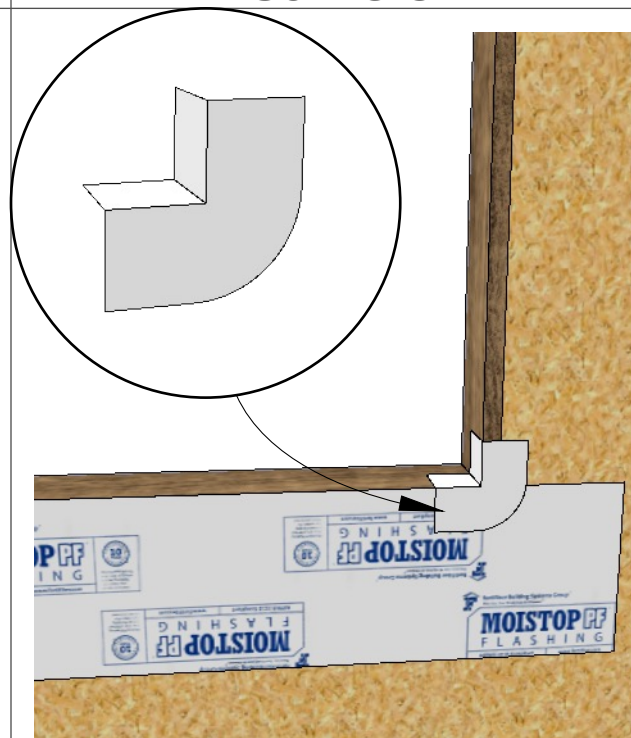## Apply Lower Bib / Apron



**NOTE:**

Use Nail-on flashing.
Moistop **NeXt** or Moistop PF.

# STEP 2
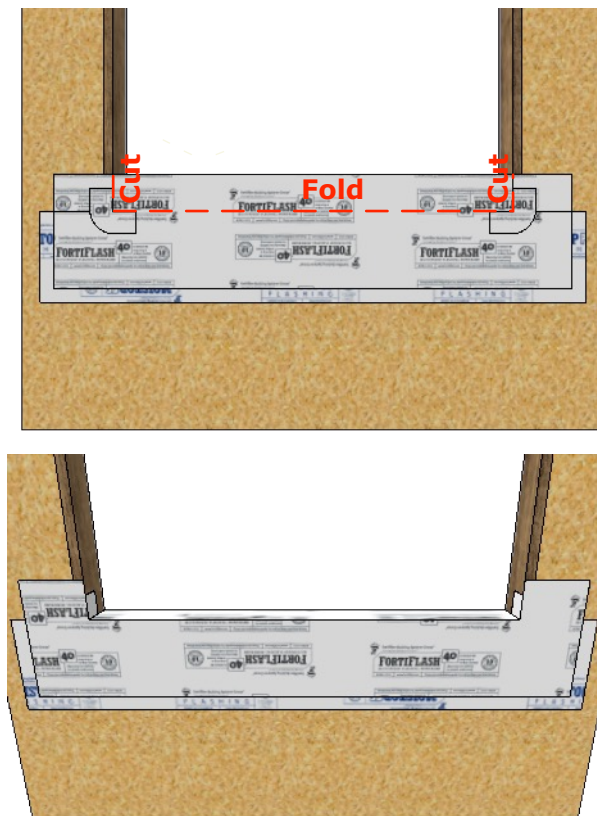
## Apply Lightning Flash Corners



**NOTE:**

Apply Lightning Flash Corners into a small amount of wet Moistop sealant.
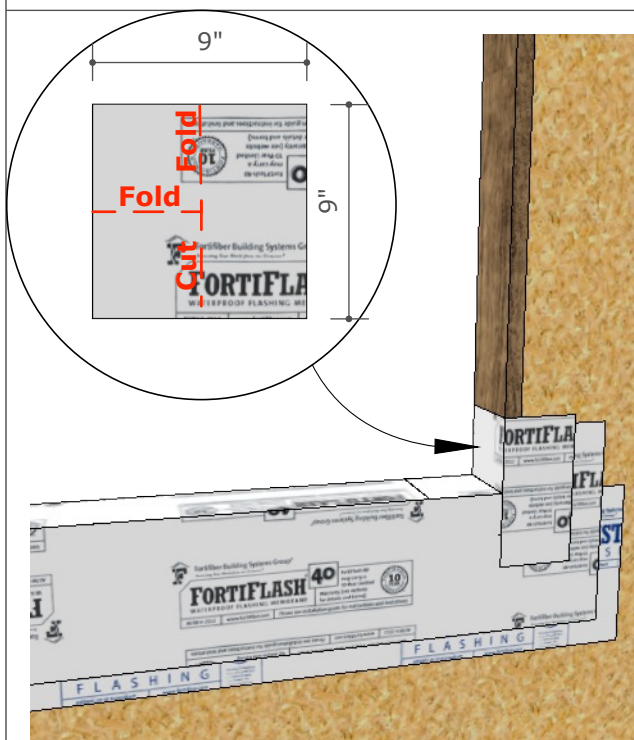
# STEP 3

## Apply SAF Membrane



**NOTE:**

Use Fortiflash Butyl, Fortiflash 40 or Fortiflash as your SAF product.
Cut and layer into place as shown.
J-Roll material flat.
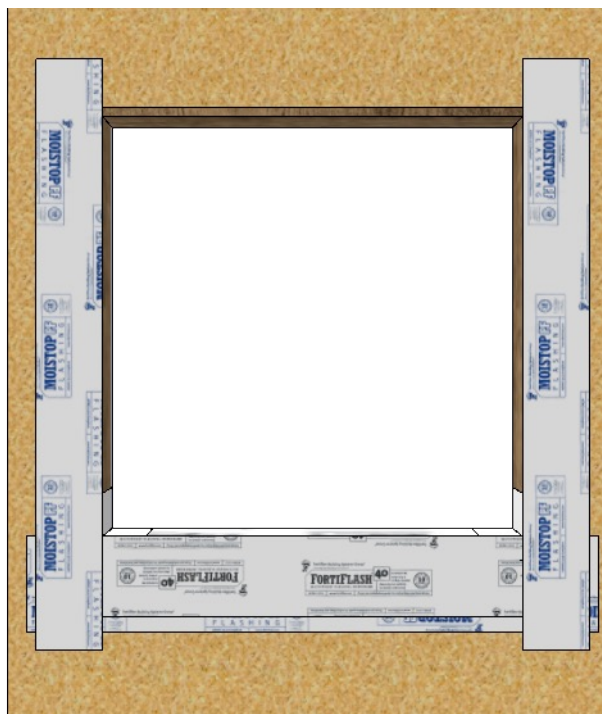
# STEP 4
## Apply End Dams



NOTE:

Use Fortiflash Butyl, Fortiflash 40 or Fortiflash to create your end dams. End Dams are applied on top of the Lightning Flash Corners.
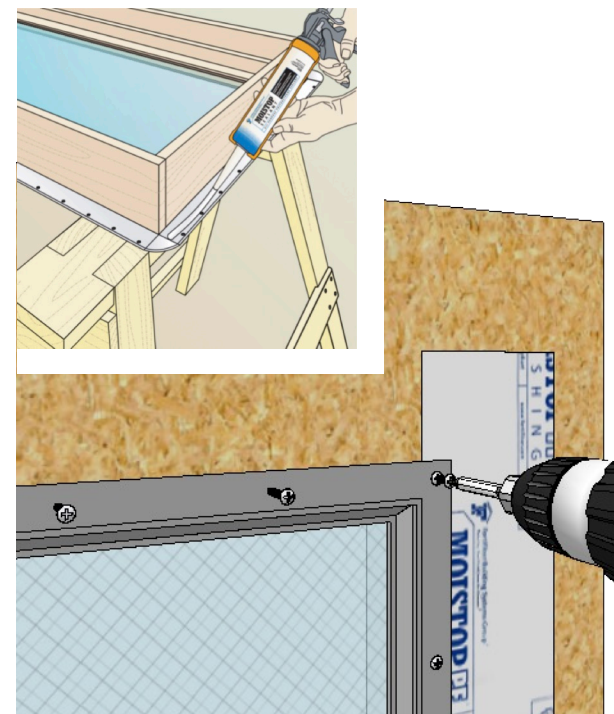
# STEP 5
## Apply Side Flashing



NOTE:

Use Any Moistop or Fortiflash Flashing products for your side flashing.

# STEP 6
## Install Window



NOTE:

Apply 3/8"-1/2" fat bead of sealant to the rear of the nail fin as shown.
Install the window per manufacturer's instructions.
Leave two 3-4 inch gaps in the sealant at the lower nailing fin corners. See steps 9-10 drawings.

TLS Labs | Forensic Window Testing and Failure Analysis - 1.800.310.7673

| STEP 7 | STEP 8 | STEP 9 |
|---|---|---|
| Apply a Cap-Bead of Sealant | Butter the Sealant Flat | Alternate EZ Seal |

Leave two gaps in sealant at the lower nail fin corners.

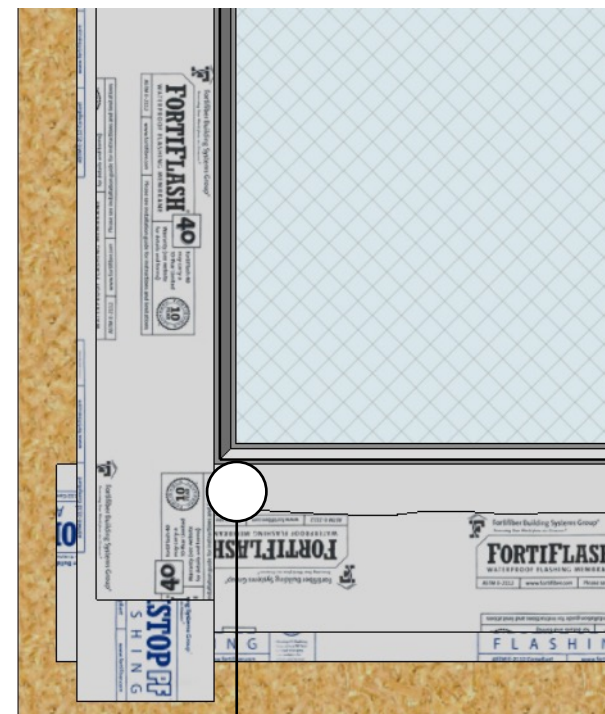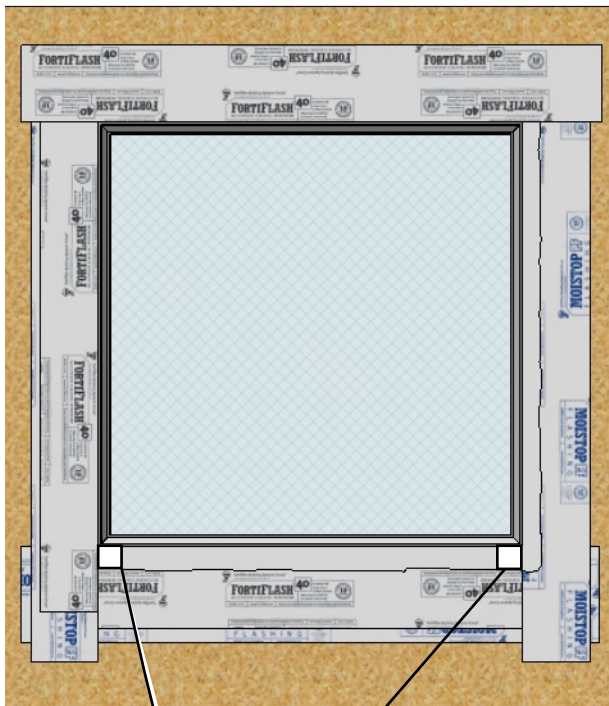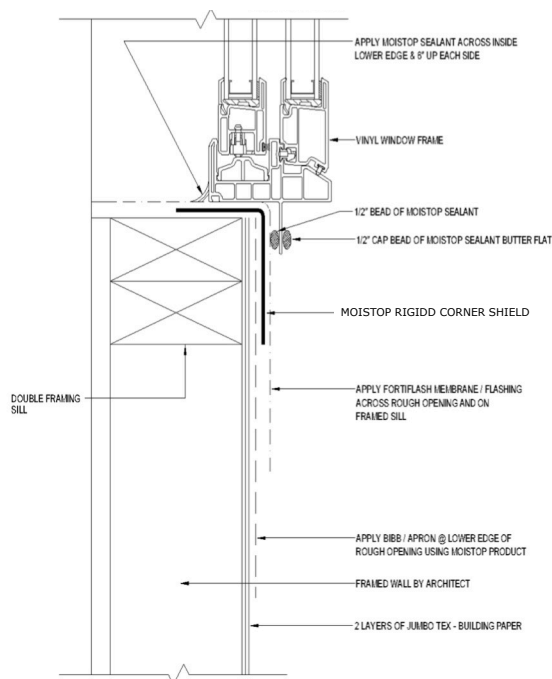| NOTE: | NOTE: | NOTE: |
|---|---|---|
| Use Moistop Sealant to create a cap-bead of sealant and butter it flat with a putty knife. | The Moistop Sealant should completely cover the nailing fin, pre-punched holes, and all fasteners. Extend the sealant 1" onto the flashing. | If desired place SAF flashing or Moistop EZ Seal on top of the side nail fins instead of using a cap-bead of sealant.<br>J-Roll material flat. Apply a small bead of sealant at the edge of the flashing against the window frame to eliminate wrinkles. |

| STEP 10 | STEP 11 | Notes |
|---|---|---|
| Apply Top Flashing | Side view of sill | |



Leave two gaps in sealant at the lower nail fin corners. 3-4 inches each side.



APPLY MOISTOP SEALANT ACROSS INSIDE LOWER EDGE & 8" UP EACH SIDE

VINYL WINDOW FRAME

1/2" BEAD OF MOISTOP SEALANT

1/2" CAP BEAD OF MOISTOP SEALANT BUTTER FLAT

MOISTOP RIGIDD CORNER SHIELD

APPLY FORTIFLASH MEMBRANE / FLASHING ACROSS ROUGH OPENING AND ON FRAMED SILL

DOUBLE FRAMING SILL

APPLY BIBB / APRON @ LOWER EDGE OF ROUGH OPENING USING MOISTOP PRODUCT

FRAMED WALL BY ARCHITECT

2 LAYERS OF JUMBO TEX - BUILDING PAPER

| NOTE: | NOTE: | NOTE: |
|---|---|---|
| Use Any Moistop or Fortiflash Flashing products for your top flashing.<br>The finished assembly should look like the drawing above. | Inside application of sealant across the sill and 6 inches up each side is necessary to manage water away from the interior. | |