GENERAL RECESSED WINDOW FLASHING NOTES
CORNER FLASH BY TLS LABORATORIES

1. THIS DRAWING DEPICTS THE APPLICATION OF A PATENTED FLASHING SYSTEM BY:

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

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

3. UNLESS SUPERSEDED BY WINDOW MANUFACTURER, THE ROUGH OPENING SHOULD BE 1/2" GREATER IN WIDTH AND HEIGHT THAN THE NET FRAME SIZE OF THE WINDOW.
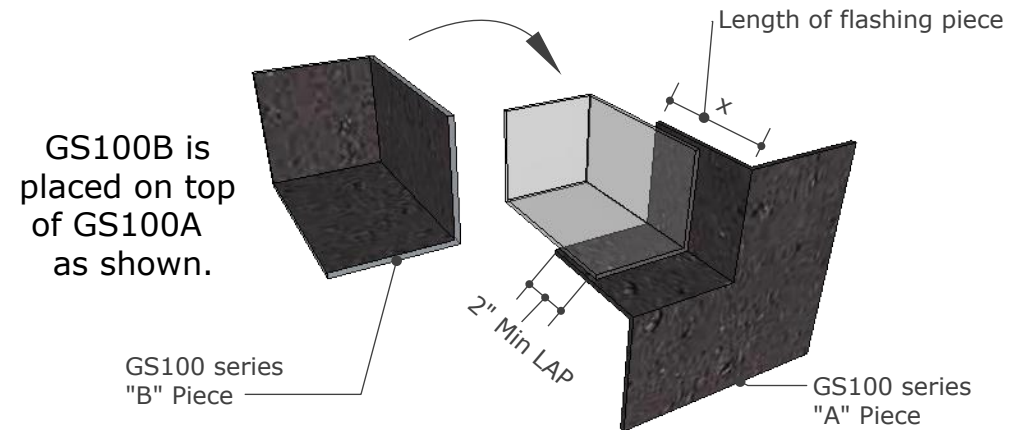
4. VERIFY ROUGH OPENING IS SQUARE, PLUMB, AND LEVEL.

5. WINDOW SILL TO BE SET UPON LEVEL FRAMING SILL WITH CONTINUOUS SUPPORT.
SUBSTRATES SHALL BE CLEAN, DRY AND UNIFORM AND SMOOTH PRIOR TO FLASHING APPLICATION.

6. WANED LUMBER WILL NOT BE USED @ ROUGH OPENINGS LOCATIONS.

7. THIS SYSTEM IS PATENTED BY US PATENT #7,735,291 B2.

8. DOWNLOAD THIS FILE @ WWW.TLSLABS.COM

Length of flashing piece

GS100B is placed on top of GS100A as shown.

2" Min LAP

GS100 series "B" Piece

GS100 series "A" Piece

DEPTH OF WINDOW RECESS	LENGTH OF FLASHING PIECE	TLS100 SERIES 'A' PIECE NUMBER	COMBINE WITH TLS100 SERIES 'B' PIECE NUMBER
2"	2"	GS 102A	GS 100B
4"	3-1/2"	GS 100A	GS 100B
6"	6"	GS 106A	GS 100B
8"	8"	GS 108A	GS 100B
12"	12"	GS 112A	GS 100B
14"	14"	GS 114A	GS 100B

ANY CUSTOM SIZE NOW AVAILABLE. CALL 1.800.310.7673 FOR PRICING.

STEP 1
APPLY BIB AND SEALANT

2x Framing

TOP EDGE RIP or SHIM to SLOPE 1/2" min.

9" min
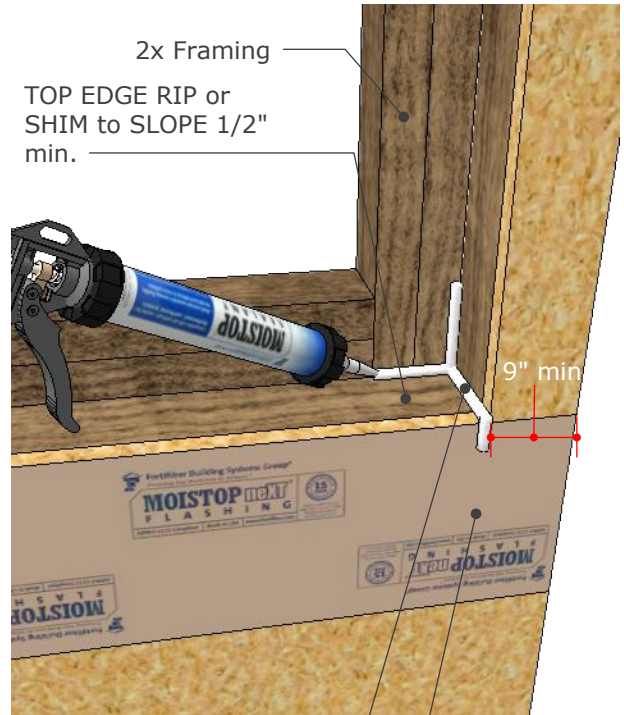
MOISTOP SEALANT

Building paper or NOF Window Flashing. Tack in place along Top edge.

NOTE:

SAF = FORTIFLASH SELF ADHERED FLASHING (PEEL AND STICK FLASHING)
NOF = NAIL ON FLASHING (MOISTOP "NEXT")
SEALANT = MOISTOP SEALANT
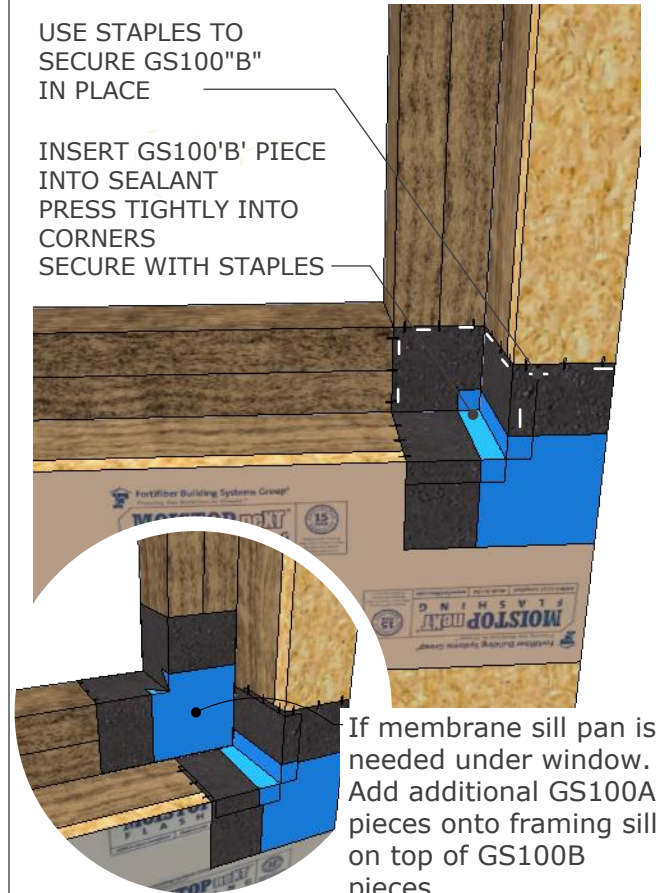
STEP 2
APPLY GS 100 "A" PIECE

INSERT GS100'A' AND PRESS TIGHTLY INTO CORNERS. APPLY SEALANT ON TOP OF GS 100'A' AS SHOWN

NOTE:

PROVIDE SOLID BACKING AROUND ALL AREAS OF RECESS FRAMING

STEP 3
APPLY "B" PIECE

USE STAPLES TO SECURE GS100"B" IN PLACE

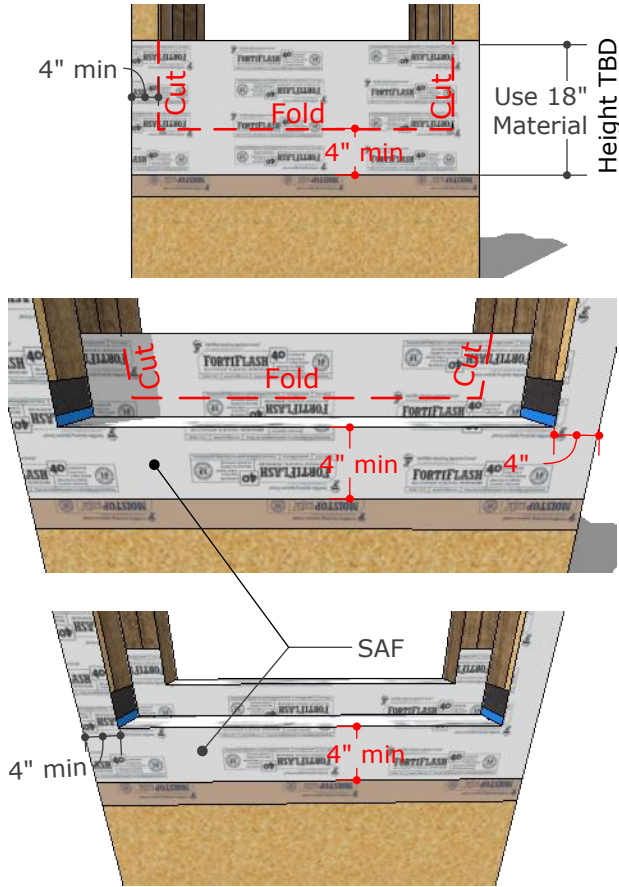INSERT GS100'B' PIECE INTO SEALANT PRESS TIGHTLY INTO CORNERS SECURE WITH STAPLES

If membrane sill pan is needed under window. Add additional GS100A pieces onto framing sill on top of GS100B pieces.

NOTE:

IF MEMBRANE PAN IS USED, TERMINATE INSIDE EDGE OF WINDOW SILL WITH SEALANT TOOLED INTO PLACE AND 8" UP EACH SIDE.
LEAVE GAPS IN SEALANT ON LOWER   NAIL FIN.
SEE DETAILS ON FINAL PAGE.

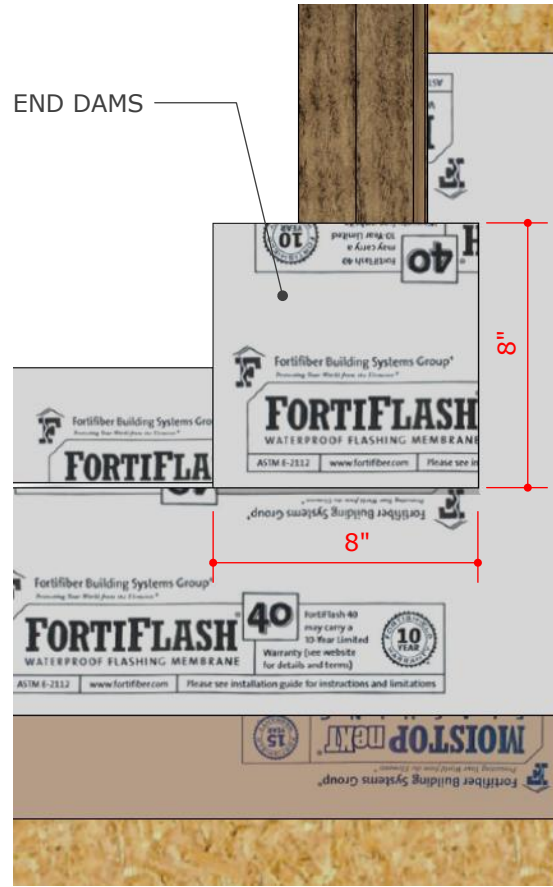# STEP 4
LAYER SAF MEMBRANE INTO PLACE

4" min

Cut — Fold — Cut

4" min

Use 18" Material

Height TBD

Cut — Fold — Cut

4" min — 4"

SAF

4" min — 4" min

STEP 5
APPLY END DAMS ON CORNERS

END DAMS

8"

8"

STEP 6
APPLY SEALANT

Apply a continuous bead of sealant to the SAF edge and tool sealant using a Putty Knife.

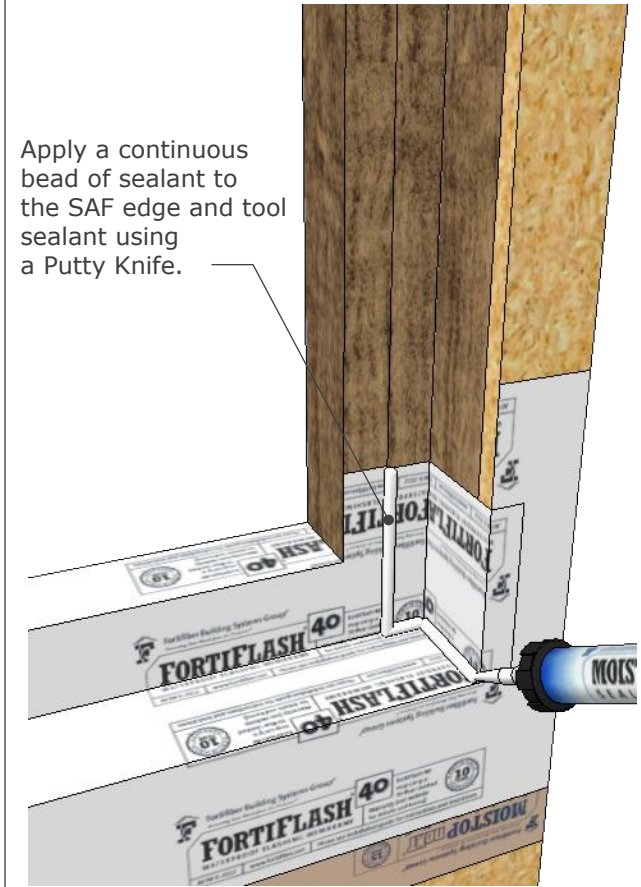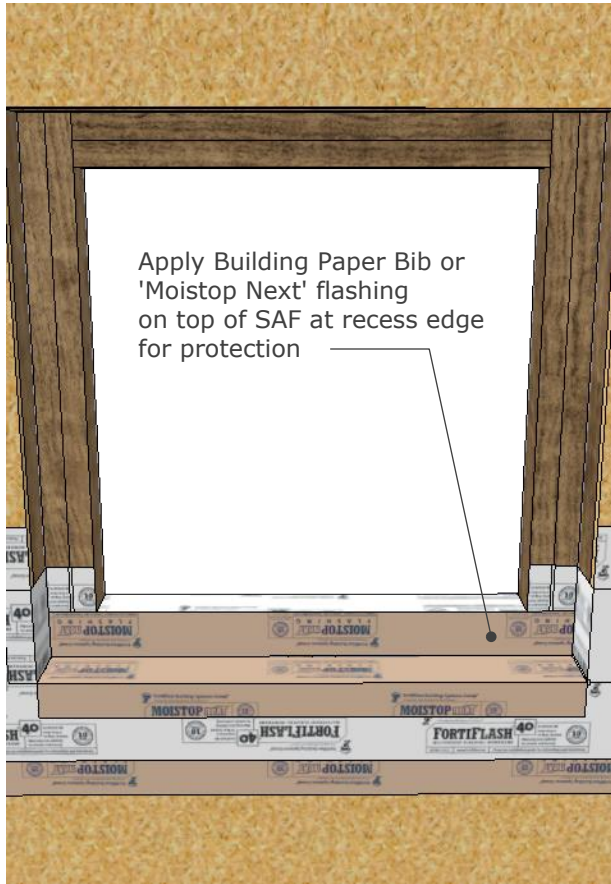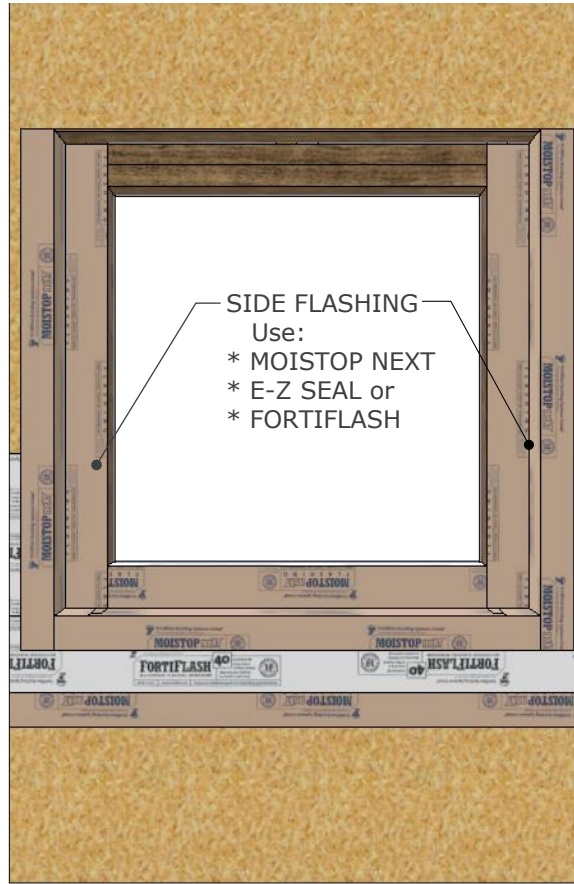| NOTE:	NOTE:	NOTE:
SAF = FORTIFLASH40 SELF ADHERED LASHING (PEEL AND STICK FLASHING) NOF = NAIL ON FLASHING (MOISTOP "NEXT") CAREFULLY LAYER SAF INTO PLACE AND ELIMINATE WRINKLES WITH 'J' ROLLER TBD = 4"RECESS DEPTH + FRAME SILL HEIGHT + 3" ON TOP OF SILL	END DAMS (8"x8" SQUARES OR LARGER AS REQUIRED DEPENDING ON DEPTH OF RECESS) WRAP AROUND THE SIDES OF THE RECESS FRAMING AND FRONT WALL COVERING THE SEAM OF THE GS "A" & GS "B" PIECES	SAF SHEET SHALL BE ROLLED IN PLACE. THE SAF SHALL BE FREE OF WRINKLES OR CREASES AND COMPLETELY COVER THE GS 10X "A" PIECES. USE THE "J" ROLLER FOR COMPLETE ADHESION & ELIMINATION OF WRINKLES

STEP 7	STEP 8	STEP 9
APPLY 'NOF' FLASHING ON BOTTOM	APPLY FLASHING ON THE SIDES	INSTALL WINDOW

Apply Building Paper Bib or 'Moistop Next' flashing on top of SAF at recess edge for protection

SIDE FLASHING
Use:
* MOISTOP NEXT
* E-Z SEAL or
* FORTIFLASH

Apply MOISTOP SEALANT around the edges of the window nail fin covering ALL holes.

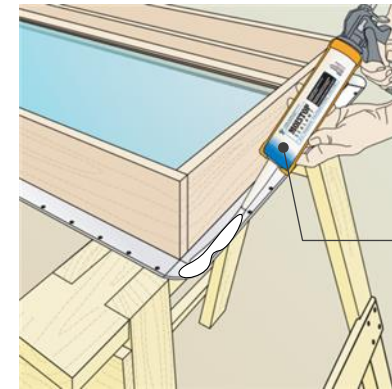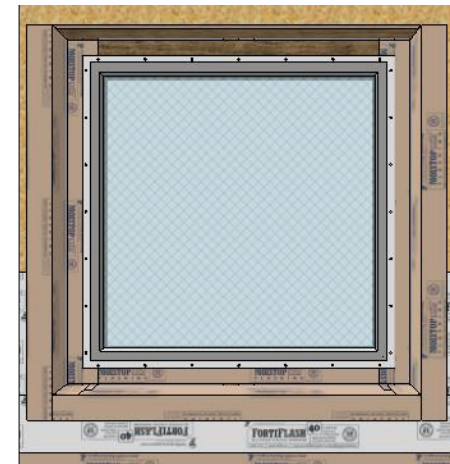| NOTE:	NOTE:	NOTE:
• LOWER WINDOW FLASHING LAYERS ON TOP OF BUILDING PAPER BIB. • FIELD VERIFY ALL DIMENSTIONS PRIOR TO CUTTING AND INSTALLING FLASHING COMPONENTS. • VERIFY MANUFACTURER REQUIREMENTS.	• FIELD VERIFY ALL DIMENSTIONS PRIOR TO CUTTING AND INSTALLING FLASHING COMPONENTS. • VERIFY MANUFACTURER REQUIREMENTS.	INSTALL THE WINDOW BEFORE THE UPPER GS CORNERS. THE WINDOW NAIL FIN SHOULD NOT BE ON TOP OF THE GS 100 "B" PIECE. IF FRAMING IS TIGHTER THAN SHOWN, LAYER GS100B PIECE ON TOP OF WINDOW NAIL FIN.

STEP 10

APPLY MOISTOP 'E-Z SEAL' -OR-   BUTTERED SEALANT

'E-Z SEAL' on top of nail flange

MOISTOP NEXT
E-Z SEAL
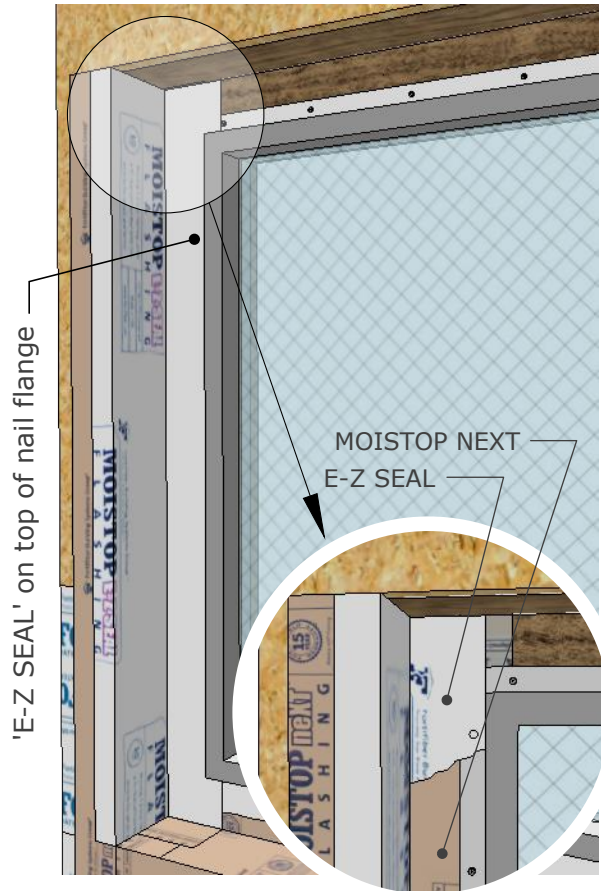
IF "E-Z SEAL" IS APPLIED
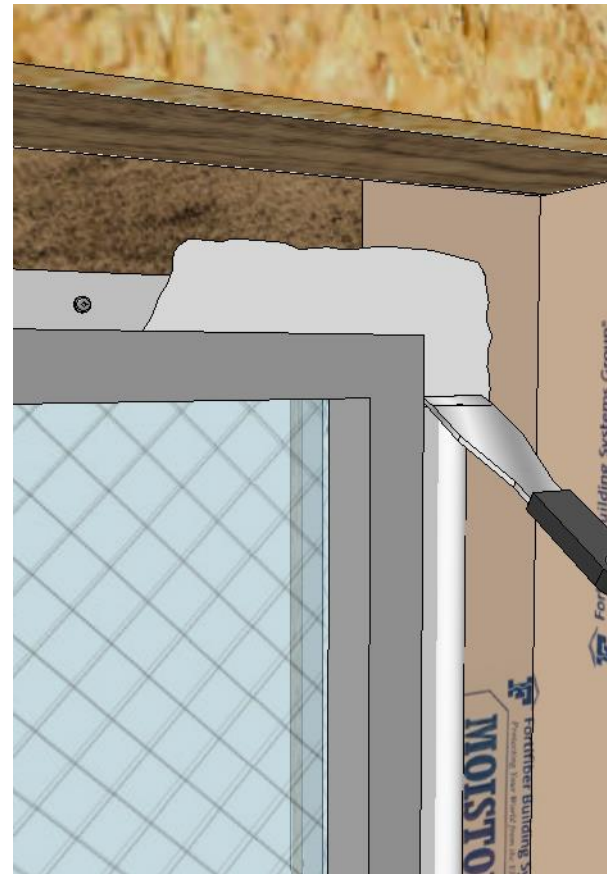
IF BUTTERED SEALANT

NO FASTENERS IN THE NAIL FIN SHOULD BE SEEN.
E-Z SEAL SHOULD BE ALL THE WAY UP TO THE FRAME OF THE WINDOW AS SHOWN.

APPLY 1/2" BEAD OF SEALANT ON TOP OF WINDOW NAIL FIN ON ALL 4 SIDES AND BUTTER FLAT W/ PUTTY KNIFE.
ALL FASTENERS COMPLETELY COVERED WITH SEALANT.
USE MOISTOP SEALANT BY THE FORTIFIBER BUILDING SYSTEMS GROUP.
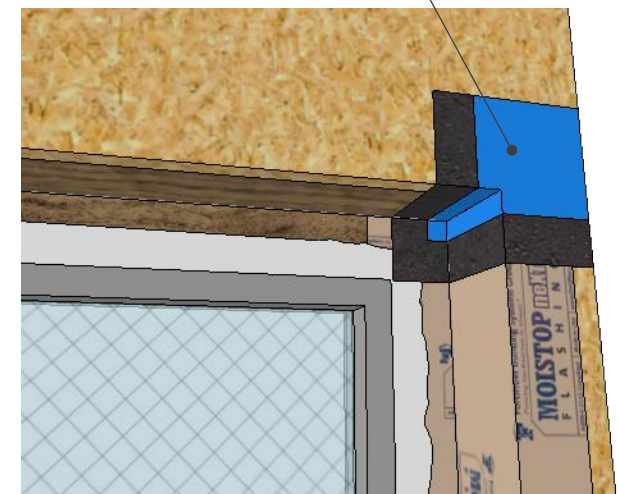
STEP 11

APPLY GS100"B" PIECE AT UPPER CORNERS
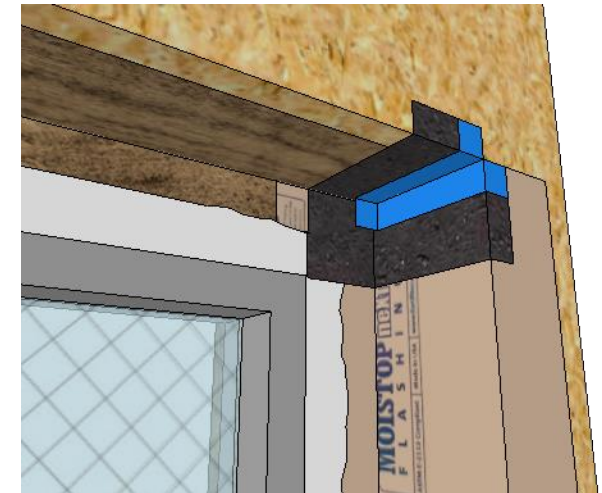
STEP 12

APPLY GS100"A" PIECE

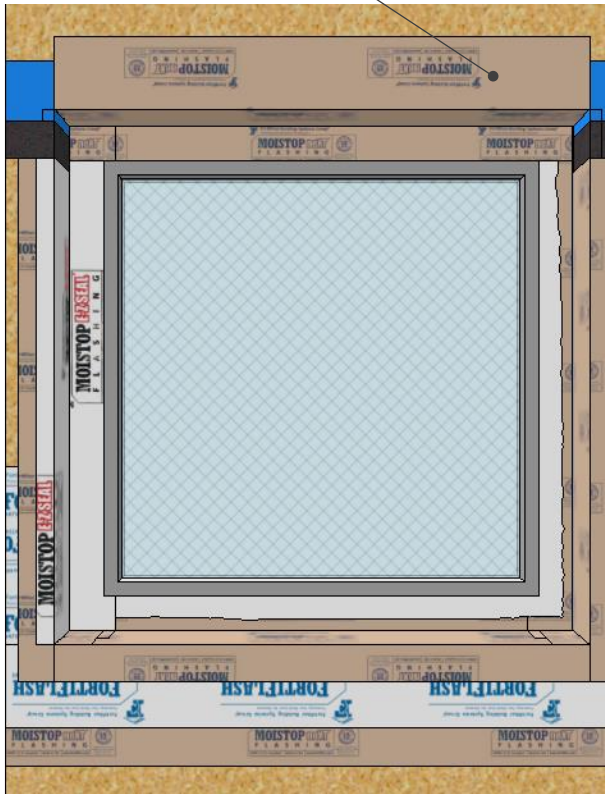APPLY GS100'A' PIECE ON TOP OF GS100'B' PIECE

STEP 13
APPLY 'MOISTOP NEXT' ACROSS THE TOP

USE NOF 'MOISTOP NEXT' AS SHOWN

NOTE:

NOF = NAIL ON FLASHING (MOISTOP "NEXT") BY FORTIFIBER BUILDING SYSTEM GROUP

STEP 14
APPLY FORTIFLASH ACROSS THE TOP

USE SAF "FORTIFLASH" AS SHOWN

E-Z SEAL

or

BUTTERED SEALANT
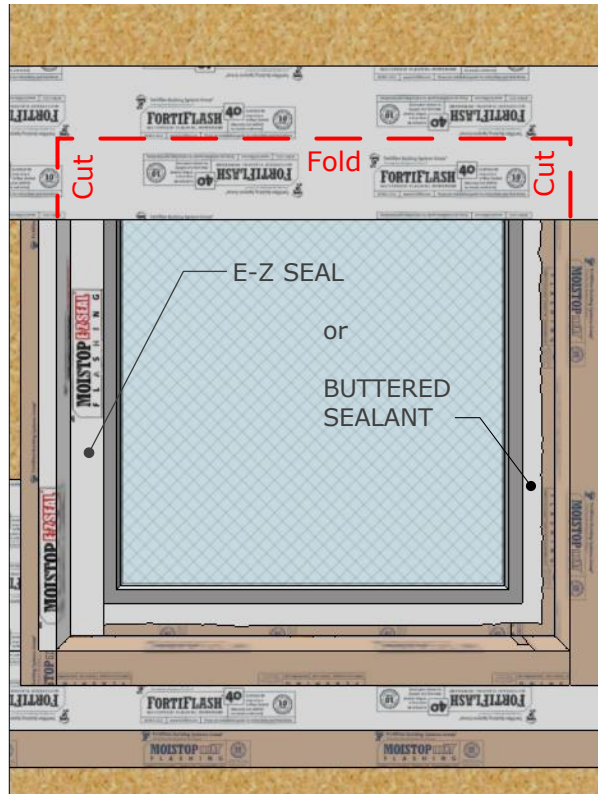
NOTE:

IF E-Z SEAL: APPLY SEALANT AT EDGE AGAINST WINDOW FRAME AND TOOL INTO PLACE.

SAF = FORTIFLASH SELF ADHERED FLASHING (PEEL AND STICK FLASHING)

STEP 15
TOP FLASHING

USE SAF "FORTIFLASH" AS SHOWN

STAPLES AT TOP EDGE

NOTE:

APPLY STAPLESS ACROSS TOP EDGE OF FORTIFLASH

ADDITIONAL MEMBRANE
PAN UNDER WINDOW DETAIL

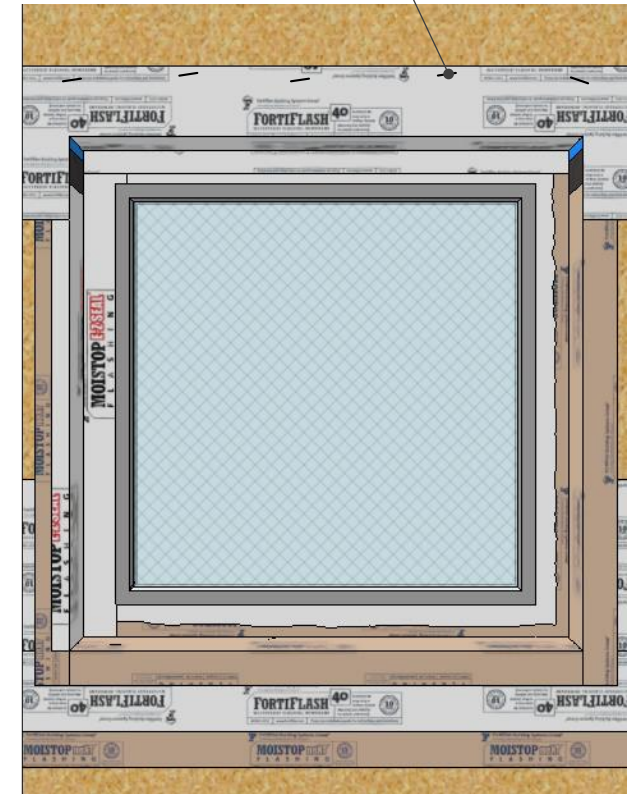TLS LABS BUTTERED SEALANT METHOD OF WINDOW INSTALLATION WITH PAN
USING LIGHTNING FLASH CORNERS
"ELIGIBLE FOR FORTISHIELD 15 YEAR WARRANTY BY
THE FORTIFIBER BUILDING SYSTEMS GROUP*."
AAMA METHOD B

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

CORNER FLASH GS100A FLASHING CORNER

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

*ALL FLASHING PRODUCTS, SEALANT PRODUCTS AND WEATHER RESISTIVE BARRIERS
MUST BE MANUFACTURED BY THE FORTIFIBER BUILDING SYSTEMS GROUP
SAF = SELF ADHERED FLASHING: FORTIFLASH 40, FORTIFLASH OR FORTIFLASH BUTYL

WINDOW SILL