

Installing a Window with Building Paper on OSB over Wood Frame Wall

Research Report - 0407

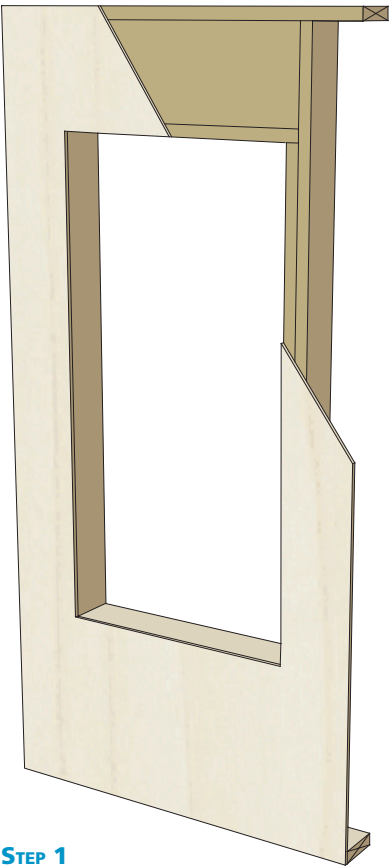
2004-April

Joseph Lstiburek

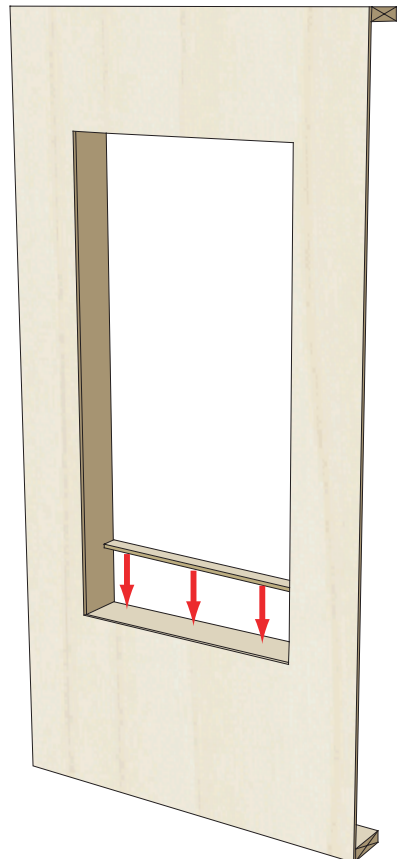
Abstract:

Details on how to install a window using building paper as the drainage plane.

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL

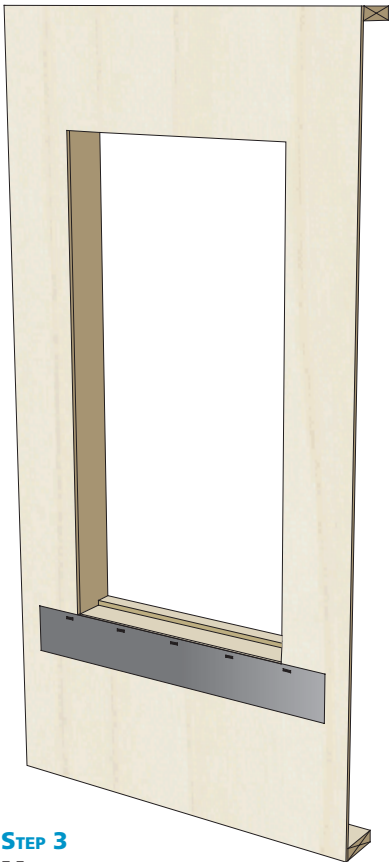


STEP 1
OSB ON WOOD FRAME WALL



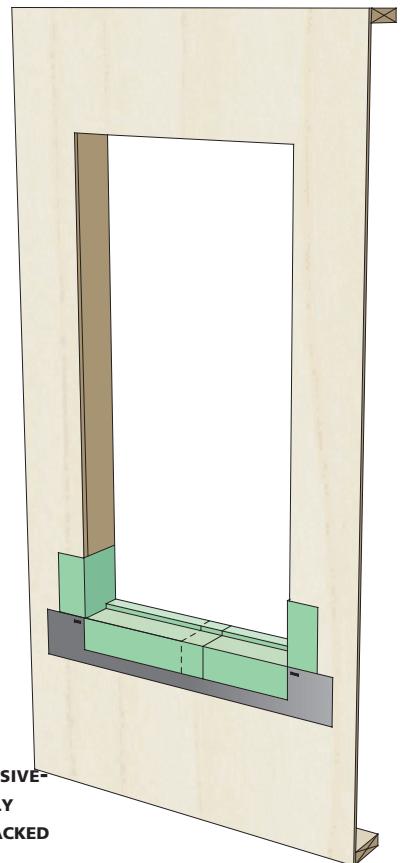
STEP 2
INSTALL WOOD BACKDAM

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 3

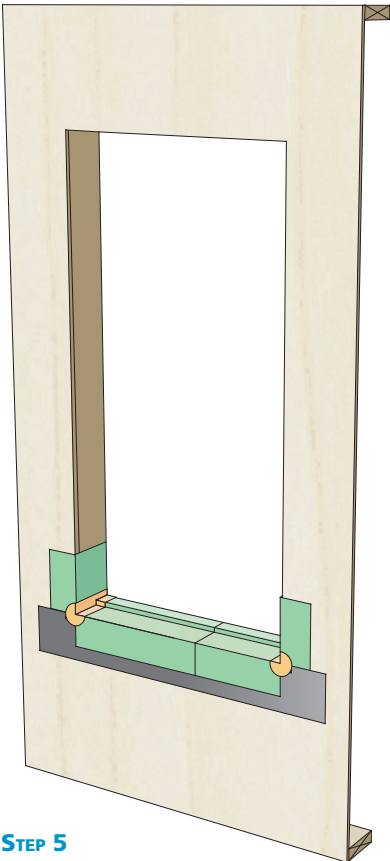
**MECHANICALLY ATTACH STRIP
OF BUILDING PAPER AT SILL;
ATTACH AT TOP ONLY, LEAVE SIDES
AND BOTTOM LOOSE**



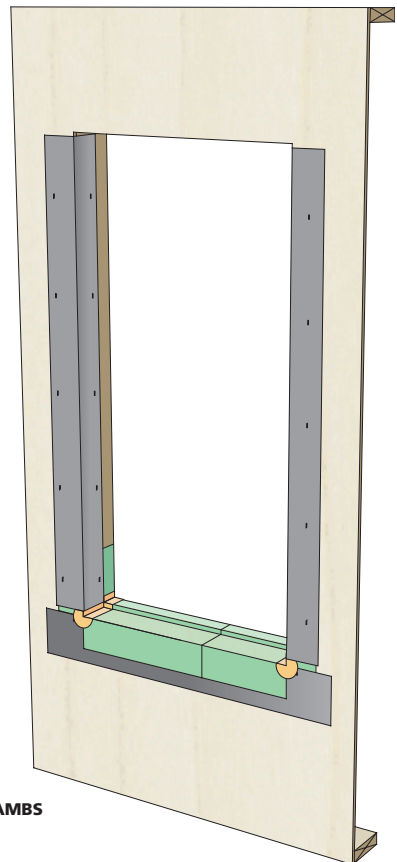
STEP 4

**APPLY FIRST PIECE OF ADHESIVE-
BACKED SILL FLASHING; APPLY
SECOND PIECE OF ADHESIVE-BACKED
SILL FLASHING**

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL

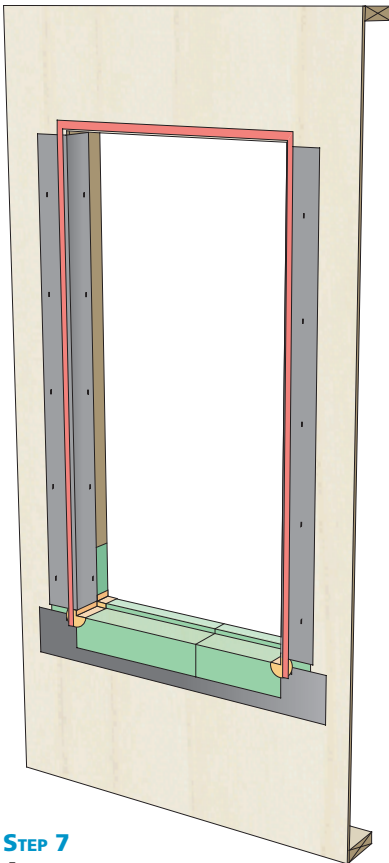


STEP 5
INSTALL CORNER FLASHING PATCHES
AT SILL



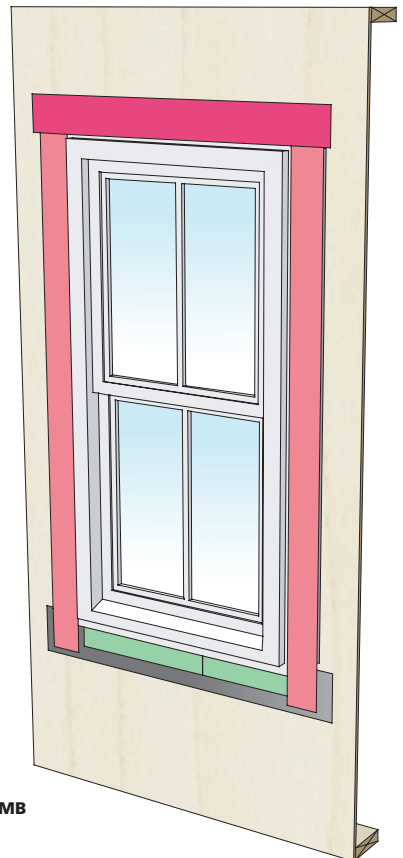
STEP 6
INSTALL BUILDING PAPER AT JAMBS

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 7

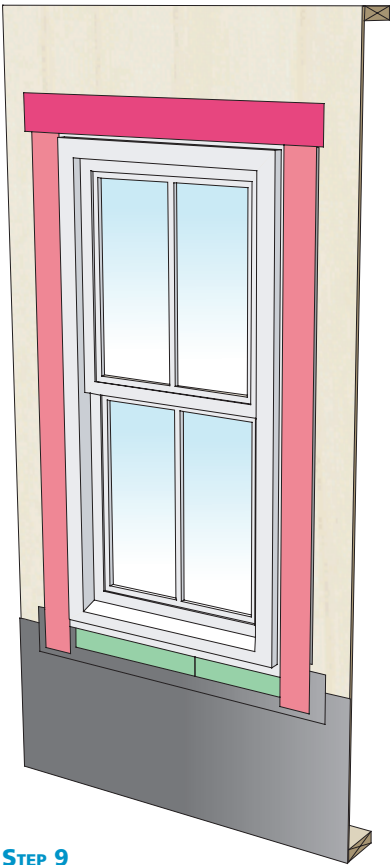
**APPLY SEALANT AT JAMBS
AND HEAD; ALTERNATIVELY, SEALANT
CAN BE PLACED ON THE BACK SIDE OF
THE NAILING FLANGE (BACK-CAULKED)**



STEP 8

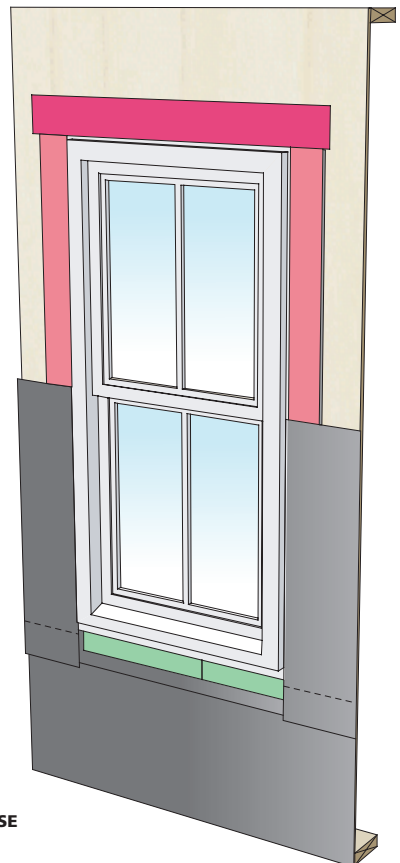
**INSTALL WINDOW; INSTALL JAMB
FLASHING THEN HEAD FLASHING**

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 9

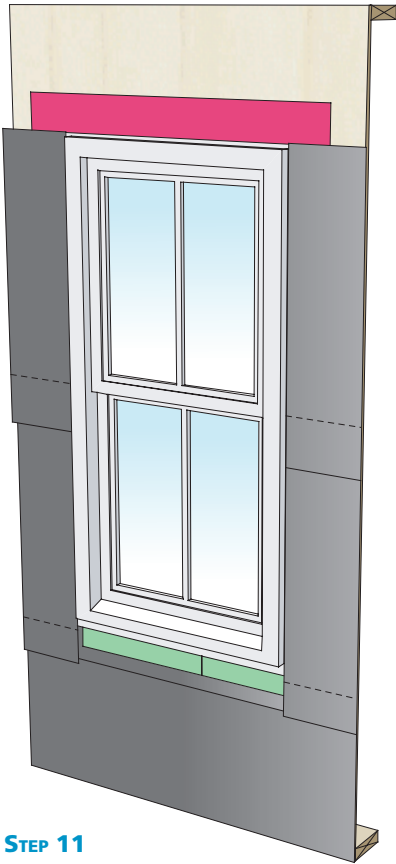
INSTALL FIRST COURSE OF BUILDING
PAPER UNDER SILL FLASHING



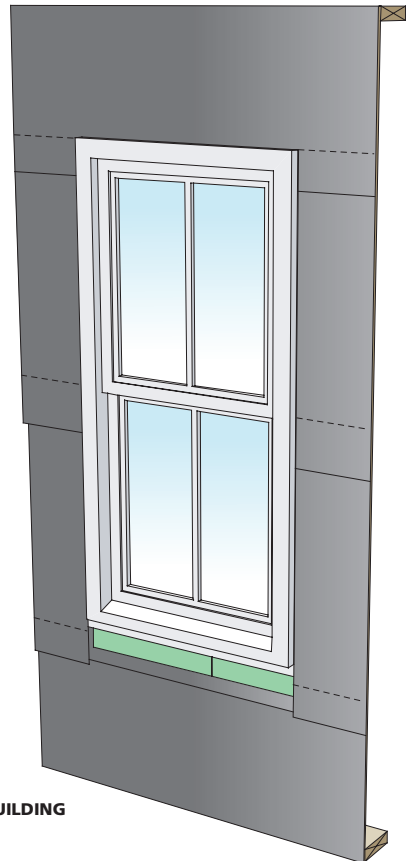
STEP 10

INSTALL SECOND COURSE
OF BUILDING PAPER AT JAMBS

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 11
**INSTALL THIRD COURSE OF BUILDING
PAPER AT JAMBS**



STEP 12
**INSTALL FOURTH COURSE OF BUILDING
PAPER AT HEAD**

About this Report

These details were published in “Water Management Guide,” Building Science Press, 2006.

About the Author

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