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

RR-0407: Installing window with Building Paper on OSB over Wood Frame Wall
**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.
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 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
Joseph Lstiburek, Ph.D., P.Eng., is a principal of Building Science Corporation in Westford, Massachusetts. He has twenty-five years of experience in design, construction, investigation, and building science research. Joe is an ASHRAE Fellow and an internationally recognized authority on indoor air quality, moisture, and condensation in buildings. More information about Joseph Lstiburek can be found at www.buildingscienceconsulting.com

Direct all correspondence to:
Building Science Corporation, 30 Forest Street, Somerville, MA 02143

Limits of Liability and Disclaimer of Warranty:

Building Science documents are intended for professionals. The author and the publisher of this article have used their best efforts to provide accurate and authoritative information in regard to the subject matter covered. The author and publisher make no warranty of any kind, expressed or implied, with regard to the information contained in this article.

The information presented in this article must be used with care by professionals who understand the implications of what they are doing. If professional advice or other expert assistance is required, the services of a competent professional shall be sought. The author and publisher shall not be liable in the event of incidental or consequential damages in connection with, or arising from, the use of the information contained within this Building Science document.