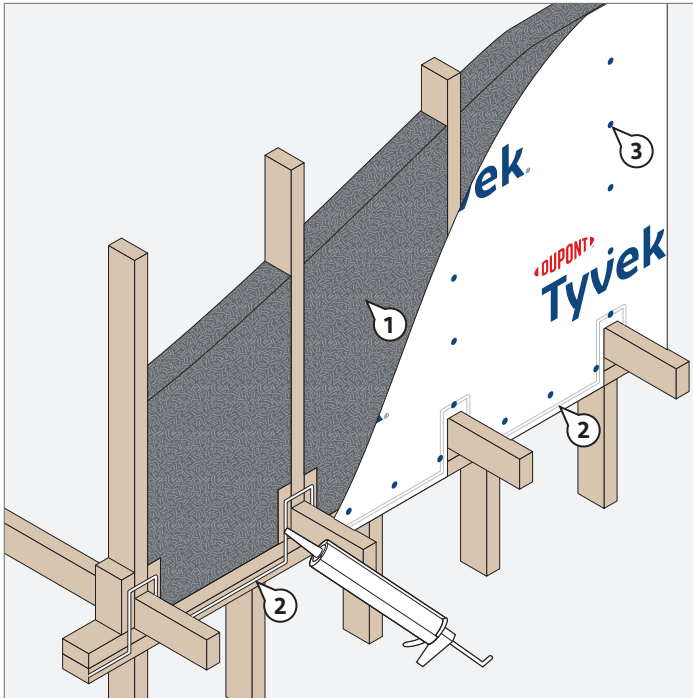


Air Barrier Installation Detail: Interior Insulation Dam



This installation bulletin is intended for use when installing **DuPont™ Tyvek® Water-Resistive and Air Barriers (WRBs)** at interior insulation dams, e.g. knee walls, and should be used in conjunction with the appropriate Installation Guidelines for single-family and multi-family residential buildings¹. All installation requirements, including air barrier specific requirements from the applicable Installation Guidelines, must be followed².

- If cavity won't be accessible for the installation of insulation, install insulation before the **DuPont™ Tyvek® WRB**.
- Apply Tower® Residential Sealant, or recommended sealant, around perimeter of where **Tyvek® WRB** will be installed.
 - To maximize air sealing, ensure the **Tyvek® WRB** will be sealed to a solid backing, such as at a top or bottom plate, along horizontal edges or at studs along vertical edges.
 - For air sealing around joists, additional backing for the sealant bead may be needed. Install blocking attached on either side of the stud. Blocking should be 1"– 2" taller than the joist to allow for continuity of sealant bead around the joist.
 - In cases where sealant won't be used, **DuPont™ Flashing Tape** can be used to terminate the **Tyvek® WRB**.
 - Great Stuff Pro™ Polyurethane Foam Sealant** can be used in lieu of sealant around the perimeter where the **Tyvek® WRB** will be installed. The **Tyvek® WRB** should be pressed into the bead of **Great Stuff Pro™** prior to curing to maximize adhesion and air sealing. Please visit greatstuff.dupont.com for more information about **Great Stuff Pro™ Polyurethane Foam Sealants**.
- Install the **Tyvek® WRB** extending beyond the edge of the surround.
 - Install cap staples/cap nails 6"– 18" along stud lines.
 - If staples or nails without caps are used, air sealing can be maximized by taping over each fastener using **DuPont™ Tyvek® Tape**.
 - Where the **Tyvek® WRB** is installed around joists, be sure to carefully cut around to make a tight fit.
 - Use firm pressure to embed the **Tyvek® WRB** into the sealant bead to maximize air sealing.



For more information about DuPont Performance Building Solutions, please call 1-833-338-7668 or visit us at building.dupont.com

¹These and other interior WRB installations are eligible for the Product component of the [DuPont Building Envelope Solutions Products 10-Year Product Limited Warranty for Single-Family, Wood-Framed Multi-Family, and Light Commercial Buildings](#).

²When using **Tyvek® WRBs** for interior applications, ensure the products will not be exposed to long-term UV radiation. **DuPont™ Tyvek® HomeWrap®** has a UV exposure limit of 4 months (120 days), and **DuPont™ Tyvek® CommercialWrap®** has a UV exposure limit of 9 months (270 days).

This bulletin is limited to the installation details outlined herein. Please refer to the applicable DuPont Performance Building Solutions Installation Guidelines available at building.dupont.com for details not included in this bulletin.

NOTICE: No freedom from any patent owned by DuPont or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries or regions. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DUPONT. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. The buyer assumes all risks as to the use of the material. Buyer's exclusive remedy or any claim (including without limitations, negligence, strict liability, or tort) shall be limited to the refund of the purchase price of the material. Failure to strictly adhere to any recommended procedures shall release DuPont de Nemours, Inc., and its affiliates, of all liability with respect to the materials or the use thereof. The information herein is not intended for use by non-professional designers, applicators or other persons who do not purchase or utilize this product in the normal course of their business.

DuPont, DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. Tower® is a registered trademark of Tower Sealants.

© 2021 DuPont. All Rights Reserved. 43-D101032-enNA-0621