

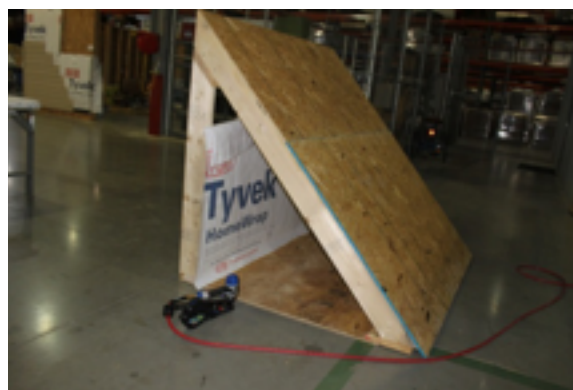


Tyvek.

DUPONT™ TYVEK® WEATHERIZATION SYSTEMS

AIR BARRIER INSTALLATION DETAIL: ATTIC KNEE WALL INTERFACE

This installation bulletin is intended for use when installing DuPont™ Tyvek® WRBs at attic and knee wall interfaces and should be used with the the DuPont™ Tyvek® Water-Resistive and Air Barriers Installation Guidelines For Buildings Less Than 5 Stories and Low-Rise Multi-Family Residential Buildings Less Than 6 Stories. All installation requirements, including air barrier specific requirements from the Installation Guidelines must be followed.



1. Working on the attic side of the knee wall, apply DuPont™ Residential Sealant, or recommended sealant, along the bottom plate and up the first and last studs approximately 12" from the top of the knee wall. (For ease of handling, it may be helpful to add a sealant bead on every other stud.) Starting at the bottom of the wall, install the first layer of the DuPont™ Tyvek® WRB by pressing it into the sealant using firm hand pressure or a J-roller. This will secure the DuPont™ Tyvek® WRB in preparation for Step 2.



2. Apply DuPont™ Residential Sealant, or recommended sealant, along the top plate and to the remaining 12" of the first and last studs. Install the second layer of the DuPont™ Tyvek® WRB with proper overlap onto the first layer by pressing it into the sealant using firm hand pressure or a J-roller to ensure a good bond between the DuPont™ Tyvek® WRB and the framing.

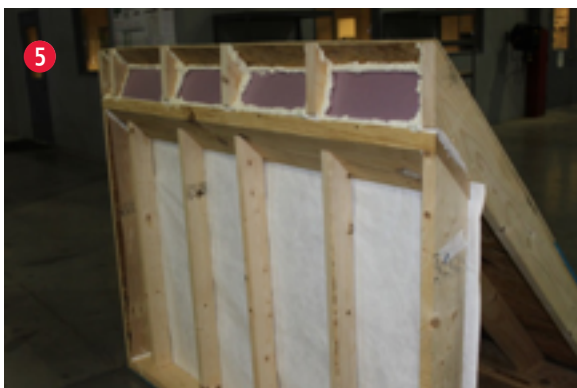
DUPONT™ TYVEK® WEATHERIZATION SYSTEMS AIR BARRIER INSTALLATION DETAILS



3. Fasten the DuPont™ Tyvek® WRB to the studs as instructed in the DuPont™ Tyvek® Water-Resistive and Air Barriers Installation Guidelines *For Buildings Less Than 5 Stories and Low-Rise Multi-Family Residential Buildings Less Than 6 Stories*.



4. Cut ½" expanded polystyrene or equivalent foam blocking to fit openings at rafters and install.



5. Use DuPont™ Window & Door Foam to complete seal around foam blocking.

NOTE: Some architectural details (penetrations, stud supports, ventilation pass through, etc. may require supplemental blocking with air barriers (foam, OSB, etc.).

KEY CONSIDERATIONS

- Use > 1/4 inch bead of DuPont™ Residential Sealant.
- Use J-Roller or firm hand pressure over sealant interface to improve bond between DuPont™ Tyvek® WRB and wood framing.
- Check with sealant manufacturer to ensure compatibility with both substrate and DuPont™ Tyvek® WRB.
- Follow DuPont™ Tyvek® Water-Resistive and Air Barriers Installation Guidelines *For Buildings Less Than 5 Stories and Low-Rise Multi-Family Residential Buildings Less Than 6 Stories*, including, but not limited to:
 - Proper overlap of the DuPont™ Tyvek® WRB.
 - Proper installation and spacing of fasteners.
 - Proper sealing of all DuPont™ Tyvek® WRB seams using DuPont™ Tyvek® Tape. Use 3" DuPont™ Tyvek® Tape for both vertical and horizontal seams of DuPont™ Tyvek® StuccoWrap® and DuPont™ Tyvek® DrainWrap™.
 - Repair any areas of damage to the DuPont™ Tyvek® WRB.
 - Proper sealing of all penetrations made to the DuPont™ Tyvek® WRB.