



Tyvek.

DUPONT™ TYVEK® WEATHERIZATION SYSTEMS

AIR BARRIER INSTALLATION DETAIL: CANTILEVER INTERFACE

This installation bulletin is intended for use when installing DuPont™ Tyvek® WRBs for cantilevered conditions 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. Cut two pieces of DuPont™ Tyvek® WRB that are twice the depth of the cantilever and 12" longer than the height of the cantilever.

Example: If the cantilever is 6' wide x 12" tall x 18" deep, the DuPont™ Tyvek® WRB pieces would be cut to 36" x 24".



2. Center the first piece of DuPont™ Tyvek® WRB on the corner of the cantilever and secure with DuPont™ Tyvek® Wrap Caps as shown.

NOTE: The DuPont™ Tyvek® WRB should extend 6" above and below the cantilever.



3. Create "package folds" and fasten the HomeWrap® on the top and bottom of the cantilever as shown. Do not install fasteners within 6" from the face of the wall.

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4. Cut a piece of DuPont™ FlexWrap™ NF that is at least 12" longer than the height of the cantilever. Remove the wide piece of release paper and adhere to cantilever surface so it extends 6" onto top and bottom surfaces of the cantilever. Remove second piece of release paper and fan out DuPont™ FlexWrap™ NF onto the face of the wall. Coverage of DuPont™ FlexWrap™ NF should be 2" to 3" onto the face of the wall. Repeat Steps 2-4 on the other end of the cantilever.



5. Install the DuPont™ Tyvek® WRB starting at the bottom of the wall. When intersecting the bottom surface of the cantilever, create a flap in the DuPont™ Tyvek® WRB by cutting vertically from the top edge to the bottom corners of the cantilever. DuPont™ Tyvek Wrap Caps or DuPont™ Tyvek® Tape can be used to secure the DuPont™ Tyvek® WRB during this Step.

NOTE: Do not cut through the FlexWrap™ NF.



6. Fold flap onto bottom surface and onto face of cantilever as shown, and fasten along the front face of cantilever.



7. Install the next layer of DuPont™ Tyvek® WRB as shown. When intersecting the top surface of the cantilever, create a flap in the DuPont™ Tyvek® WRB by cutting vertically from the bottom edge to the top corners of the cantilever. DuPont™ Tyvek Wrap Caps or DuPont™ Tyvek® Tape can be used to secure the DuPont™ Tyvek® WRB during this Step.



8. Cut another piece (second layer) of DuPont™ FlexWrap™ NF that is at least 12" longer than the height of the cantilever, and install at the corner where the cantilever meets the wall as shown.



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9. Tape all DuPont™ Tyvek® WRB seams on cantilever using DuPont™ Tyvek® Tape.



10. Continue installation of the DuPont™ Tyvek® WRB 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*.

KEY CONSIDERATIONS

- Careful attention to detail at folded corners and installation of DuPont™ FlexWrap™ NF at intersection of cantilever and wall.
- DuPont™ Wrap Cap fasteners around cantilever should be no closer than 6" from face of wall.
- 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.