DuPont™ Tyvek® Weatherization Products
Multifamily User’s Bulletin – Field Installation Examples

DuPont™ Tyvek® WRB Installation

Fasteners installed directly to studs and spaced 6-18” per schedule.
- DuPont™ Tyvek® Wrap Cap
- Other cap staples for Stinger™ Cap Stapler
- Other manufacturers’ equivalent fasteners
- No fasteners within 6” of window sill and jambs and 9” of window head.

Integral Flanged Window Installed After WRB

1" cut WRB at rough opening with 45° cuts at window head extending min. 8” from corners. Flaps at jambs folded into the opening and secured.
Head flap flipped up and secured.
DuPont® FlexWrap™ NF installed at the sill extending min. 6” up jambs.
Sealant applied to three sides of the window opening at jambs and head. Optional: Skip sealing at the sill for drainage.
Window installed per manufacturer’s specifications. DuPont® StraightFlash™ or DuPont® Flashing Tape applied over flanges at jambs and head.
Head flap trimmed 1-2” and secured over head flashing with DuPont® Tyvek® Tape or DuPont™ Self-Adhered Flashing Systems products.
Full interior perimeter seal applied.

Non-Flanged Window Installed After WRB

“O” cut (flush cut) WRB at rough opening with 45° cuts at window head extending 6” from corners.
Head flap flipped up and secured.
DuPont® FlexWrap™ NF installed at the sill, minimum 6” up the jambs.
9” DuPont® StraightFlash™ installed at jambs.
DuPont® FlexWrap™ NF installed at head of rough opening.
Window installed per manufacturer’s specifications. Optional: Drip cap installed and integrated.
Exterior perimeter seal applied at jambs and head. Optional: Skip sealing at sill for drainage.
Head flap trimmed 1-2” and secured over head flashing with DuPont® Tyvek® Tape or DuPont™ Self-Adhered Flashing Systems products.
Full interior perimeter seal applied.

Sealing Penetrations – Non-Flanged Products

Method 1
DuPont™ Tyvek® WRB cut back 1” around penetration with head flap cut above.
First piece of DuPont® FlexWrap™ NF installed around bottom of penetration before second piece installed around top of penetration, overlapping bottom layer by 2”.
Head flap sealed using DuPont® Tyvek® Tape or DuPont™ Self-Adhered Flashing Systems products.

Method 2
DuPont™ Tyvek® WRB cut back 1” around penetration.
Single piece of DuPont® FlexWrap™ NF applied from bottom, and around penetration with 2” overlap onto layer below.
Optional: piece of DuPont® Tyvek® WRB taped over top of DuPont® FlexWrap™ NF.

Sealing Penetrations – Flanged Products

Method 1
DuPont™ Self-Adhered Flashing Systems products applied to flanges.
DuPont™ Tyvek® WRB piece installed under bottom flange.
DuPont™ Tyvek® WRB installed to overlap piece below by min. 6”.

Method 2
DuPont™ Tyvek® WRB cut back 1” around penetration to expose flange.
DuPont™ Self-Adhered Flashing Systems products installed at bottom, sides, and top of flanges.
Optional: DuPont™ Residential Sealant applied around penetration.

Note: For wood to concrete transitions, DuPont™ Tyvek® WRB extended min. 2” beyond wood-concrete interface and terminated to primed surface with DuPont™ Self-Adhered Flashing Systems products.

For Air Barrier installations:
All horizontal seams taped
- 3” Tape for DuPont™ Tyvek® StuccoWrap®, DrainWrap®, CommercialWrap® and CommercialWrap® D
- 2” Tape for DuPont™ Tyvek® HomeWrap®
Seal all terminations at top and bottom of wall.
- Install 1¼” head of DuPont™ Residential Sealant 2-3” from edges, or
- Terminate with DuPont™ Tyvek® Tape, DuPont® StraightFlash™, or DuPont® Flashing Tape (DuPont™ Residential Sealant, DuPont® StraightFlash™ or DuPont® Flashing Tape with DuPont® Adhesive/Primer for concrete and wood, or other rough surfaces)

Seal all terminations at top and bottom of wall.
- Install 1¼” head of DuPont™ Residential Sealant 2-3” from edges, or
- Terminate with DuPont™ Tyvek® Tape, DuPont® StraightFlash™, or DuPont® Flashing Tape (DuPont™ Residential Sealant, DuPont® StraightFlash™ or DuPont® Flashing Tape with DuPont® Adhesive/Primer for concrete and wood, or other rough surfaces)

**Shelf Angle**

- Through wall flashing applied over shelf angle.
- DuPont™ Tyvek® WRB terminated onto through wall flashing with mini. 6" overlap and sealed with DuPont™ Tyvek® Tape or DuPont Self-Adhered Flashing Systems Product.
- DuPont™ Tyvek® WRB sealed to bottom of shelf angle using DuPont™ Self-Adhered Flashing Systems Product.

**Note:** For lintels or floating lintels, refer to the DuPont Self-Adhered Flashing Systems Installation Guidelines for Buildings Greater than 4 Stories and High Performance Installations of any Height.

**Parapet with Brick Façade**

- Roofing membrane installed.
- DuPont™ Tyvek® WRB terminated with DuPont™ StraightFlash®.
- Through wall flashing installed over parapet wall, overlapping DuPont™ Tyvek® WRB and roofing membrane min. 4".
- Optional: DuPont™ Self-Adhered Flashing Systems patches installed behind brick ties.
- Coping Cap installed.

**WRB to Concrete Transition**

- Concrete primed with DuPont™ Adhesive/Primer.
- DuPont™ Tyvek® WRB overlapped min. 2" onto concrete column.
- DuPont™ Tyvek® WRB sealed to concrete with DuPont™ Self-Adhered Flashing Systems product.
- DuPont™ Tyvek® WRB mechanically fastened to studs.

**Brick Mold Door Installed After WRB**

- DuPont™ StraightFlash™ VF applied to interior side of door frame along jambs and head (head piece installed first).
- "I" cut WRB at rough openings with continuous horizontal cuts at head and sill. 45° cuts at window head extending min. 8" from corners. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
- DuPont™ FlexWrap® NF installed at the sill extending min. 6" up jambs. Integrated back dam as applicable.
- Release paper removed from DuPont™ StraightFlash™ VF and flashing adhered at jambs and head.
- Door installed per manufacturer’s specifications.
- Head flap trimmed 1-2" and secured over head flashing with DuPont™ Tyvek® Tape or DuPont® Self-Adhered Flashing Systems products. Optional: drip cap installed with head flap lapped over drip cap.
- Optional: high pressure skirt installed to door frame prior to door installation for higher performance requirements.
- Full interior perimeter seal applied.

**Adjacent Integral Flanged Windows Installed After WRB**

- "I" cut WRB at rough openings with continuous horizontal cuts at head and sill. 45° cuts at window head extending min. 8" from corners. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
- DuPont™ FlexWrap® NF installed at each sill extending min. 6" up jambs.
- 9° DuPont™ StraightFlash™ or DuPont™ Flashing Tape installed onto vertical framing; bottom edge aligned with sill, top edge extending 4° above head.
- Horizontal cuts in flashing along top of head to edge of vertical framing. Flashing flaps folded into rough opening and adhered to inside framing.
- Sealant applied to three sides of the window opening at jambs and head. Optional: Skip sealing at the sill for drainage.
- Window installed per manufacturer’s specifications.
- DuPont™ StraightFlash™ or DuPont™ Flashing Tape applied over flanges at jambs and head.
- Head flap trimmed 1-2" and secured over head flashing with DuPont™ Tyvek® Tape or DuPont® Self-Adhered Flashing Systems products.
- Full interior perimeter seal applied.

**Storefront Window on Slab Installed After WRB**

- "O" cut (flush cut) in WRB at rough opening with 45° cuts at window head extending 5" from corners. Head flap flipped up and secured.
- Sill pan flashing shimmed, levelled, anchored, and sealed per manufacturer’s recommendation.
- 9° DuPont™ StraightFlash™ installed at jambs at wrapped into rough opening.
- DuPont™ FlexWrap® NF installed at head of rough opening.
- Storefront window installed and glazed per manufacturer’s instructions.
- Head flap trimmed 1-2" and secured over head flashing with DuPont™ Tyvek® Tape or DuPont® Self-Adhered Flashing Systems products.
- Full interior perimeter seal applied.

**Storefront Window on Knee Wall Installed After WRB**

- "O" cut (flush cut) WRB at rough opening with 45° degree cuts at window head extending 8" from corners. Head flap flipped up and secured.
- DuPont™ FlexWrap® NF installed at the sill, minimum 8" up the jambs. Sill pan flashing shimmed, levelled, anchored, and sealed per manufacturer’s recommendation.
- DuPont™ StraightFlash™ installed at jambs.
- DuPont™ FlexWrap® NF installed at head of rough opening.
- Storefront window installed and glazed per manufacturer’s instructions.
- Head flap trimmed 1-2" and secured over head flashing with DuPont™ Tyvek® Tape or DuPont® Self-Adhered Flashing Systems products.
- Full interior perimeter seal applied.

**Brick Mold Window Installed After WRB**

- DuPont™ StraightFlash™ VF applied to interior side of door frame along jambs and head (head piece installed first).
- "I" cut WRB at rough openings, 45° cuts at door head extending 8" from corners. Head flap flipped up and secured. Flaps at jambs folded into the opening and secured. Head flap flipped up and secured.
- DuPont™ FlexWrap® NF installed at each sill extending min. 6" up jambs. Integrated back dam as applicable.
- Release paper removed from DuPont™ StraightFlash™ VF and flashing adhered at jambs and head.
- Window installed per manufacturer’s specifications.
- Head flap trimmed 1-2" and secured over head flashing with DuPont™ Tyvek® Tape or DuPont® Self-Adhered Flashing Systems products. Optional: drip cap installed with head flap lapped over drip cap.
- Full interior perimeter seal applied.

**For more information about DuPont Weatherization Systems, please call 1-800-44-Tyvek or visit www.weatherization.tyvek.com**

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This document is designed to serve as a resource. The examples provided do not override or change any requirement in the currently published Installation Guidelines or Warranties. Always refer back to the applicable Installation Guidelines and Warranties, available at www.weatherization.tyvek.com, for complete information.

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