



# Blue Barrier™ Flash 'N Wrap™ 2400

*Installation Instructions for Application with Traditional Housewrap*

## Tools/Materials Needed

- 2 or 5 gal pail of Poly Wall Blue Barrier Flash 'N Wrap 2400
- 10.1 oz caulking or 20 oz. sausage tube of Poly Wall Blue Barrier Joint Filler 2200
- Caulking (cartridge or sausage) gun
- Chip Brush
- 4 or 6-inch hot dog style roller handle and mini roller. (Roller pad has a small hole to accept handle.) Ideally, a 1/4-inch nap non foam roller works best. A 3/8-inch nap will work. The roller width is dependent on the framing around your window ... for 2x4 construction a 4-inch roller is fine, for 2x6 the 6-inch is more convenient, both will work.
- 2 to 4-inch plastic putty knife or trowel. Plastic cleans easier in this application than metal.
- Optional and best building practice: A piece of beveled siding sized to your rough opening of the sill to provide positive slope.

## STEP 1

Apply Poly Wall Blue Barrier flashing products onto stud wall exterior sheathing substrates and rough openings.

The substrate wall exterior sheathing must be clean; and clear of dirt, debris, frost, and smears; prior to the application of the Poly Wall flashing products.

Blue Barrier flashing products shall be unloaded at the jobsite and stored in a manner that prevents damage to the material. All containers shall be protected from weather, and all lids shall be securely fastened until use.

Install Blue Barrier flashing products in ambient and substrate surface temperatures of 40°F (5°C) and rising. In ambient and surface temperatures below 50° F (10° C), store the flashing products in a warm location until use. If necessary, apply what you need per each window one-at-a-time; and then keep the Blue Barrier products in a warm location to maintain its flexibility and workability characteristics.

Conduct a field adhesion test at ambient and surface temperatures below 40°F (5°C) prior to Blue Barrier flashing applications.



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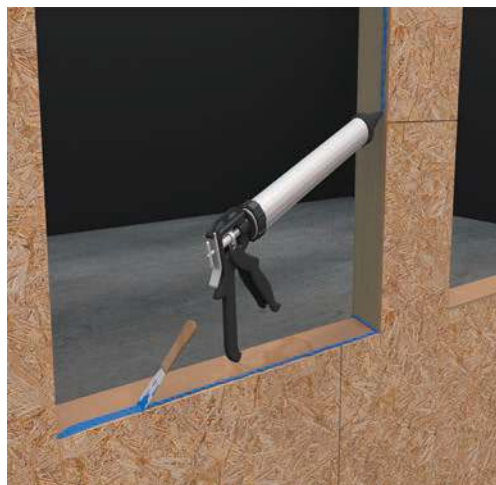
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## STEP 2

Provide Positive Slope on the rough opening sill per Window Manufacturer's Installation Specifications. In common practice this can be achieved by cutting a piece of beveled siding the size of the rough opening with thick side towards interior and nail in place. **VERY IMPORTANT...**if you chose to do this you must account in advance for the space in the rough opening you take up with the positive slope, or your window will not fit.



## STEP 3

Detail any void greater than 1/8-inch with Poly Wall Blue Barrier Joint Filler 2200. This would include any dissimilar materials, cracks, imperfections. Simply apply with the caulking or sausage gun and strike smooth with the putty knife where accessible. In the corners feel free to use your index finger with a damp cloth over it. On average after 30 minutes product is ready for the next step depending on relative humidity and temperature. To be sure simply place finger upon the Joint Filler. It is likely to still be "tacky" but if it does not stick to your finger you are good to go.



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#### STEP 4

Open the pail of Poly Wall Blue Barrier Flash 'N Wrap 2400, no stirring necessary. Remove the lid liner and save it for later use. Load the roller by dipping in bucket shaking off any excess coating material into the bucket.



#### STEP 5

Apply a 30-mil, tooled application of Poly Wall's Blue Barrier Liquid Flashing 2100; or a 20-mil, tooled application of Blue Barrier Flash 'N Wrap 2400; into the rough openings, continuing onto the exterior sheathing a minimum 6" around the rough opening (head, jambs, and sill). Inspect for continuous coverage using a wet mil gauge, and apply additional material to provide the required minimum wet mil continuous coverage. Allow a minimum 30 minutes for the selected installed product to set / cure prior to proceeding with the next step.



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## STEP 6

Install the window as per the window manufacturer's instructions. If a bead of sealant is required by the window manufacturer along the inside face of the window frame flange prior to the window installation/placement into the rough opening, a 1/2" bead of Blue Barrier Joint Filler 2200 is recommended by Poly Wall.



## STEP 7

Apply a 30-mil, tooled application of Poly Wall Blue Barrier 2100 Liquid Flashing; or a 20-mil, tooled application of Poly Wall Blue Barrier Flash 'N Wrap 2400; a minimum 2" onto the window frame flange and onto the Blue Barrier Joint Filler 2200. Inspect for continuous coverage using a wet mil gauge, and apply additional material to provide the required minimum wet mil continuous coverage. Allow a minimum 30 minutes for the installed product to set / cure prior to proceeding with the next



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## STEP 8

Apply a 1/2" bead of Blue Barrier Joint Filler 2200 over and along the intersection where the window frame flange connects to the window frame jamb.



## STEP 9

Install z-flashing above window head, compressing the z-flashing into the (wet) bead of Blue Barrier Joint Filler 2200.



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## STEP 10

Install the housewrap (as indicated in gray) over the window jamb flanges up to the window jambs, compressing the housewrap into the (wet) bead of Blue Barrier Joint Filler 2200. Allow the housewrap to carry over the z-flashing at the window head. Do not tie-in or adhere the housewrap at the window head to the z-flashing, to allow any water at the z-flashing to drain out.



## STEP 11

Apply a 30-mil, tooled application of Blue Barrier Liquid Flashing 2100; or a 20-mil, tooled application of Blue Barrier Flash 'N Wrap 2400; a minimum 2" onto the window frame jamb, the cured blue barrier material on the window frame flange, and the housewrap to provide adhesion to all three together. Inspect for continuous coverage using a wet mil gauge, and apply additional material to provide the required minimum wet mil continuous coverage. Allow a minimum 30 minutes for the installed product to set/cure.



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## FINAL

When installing Blue Barrier flashing products with a weather-resistive barrier (WRB), i.e. House Wraps, the Blue Barrier flashing products become a secondary system.

Blue Barrier flashing products are designed for ultraviolet (UV) exposure up to (9) months. Permanently cover the Blue Barrier products within the (9) month limit to protect the installation and ensure proper performance. Remove any Blue Barrier product with a (UV) exposure time beyond the (9) month limit in its entirety, clean the sheathing substrate surface in preparation for new Blue Barrier flashing materials, and then re-apply the Blue Barrier flashing products as per the installation sequence herein.



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