



# Blue Barrier™ Liquid Flashing 2100

## Product Information Sheet

Poly Wall® Building Solutions is an innovator of high-quality, cost-effective, engineered building materials. We stand behind our brand promise — **Moisture and Air Stop Here®**. Visit our website at [www.poly-wall.com](http://www.poly-wall.com) for the full array of products.

### DESCRIPTION

Poly Wall® Blue Barrier™ Liquid Flashing 2100 is an all-purpose, fluid applied flashing used to create a weather resistant, fully adhered waterproof barrier system around window and door installations.

### ADVANTAGES

- Easy to use trowel application
- No mixing needed
- No primer required
- Superior shore hardness: Prevents membrane wear and tear
- Permeable: Allows substrates to breathe
- High viscosity: Supports gun and spread applications
- Exceptional adhesion: Bonds to multiple substrates
- Advanced proprietary technology: Produces durable seamless membrane
- Environmentally friendly: Solvent free, isocyanate free and low VOC
- Wet surface application: Bonds and cures in wet conditions

### INSTALLATION

The **sequence** of installation is:

1. Clean rough opening with brush.
2. Install or prepare back dam or positive slope.
  - Pre-treat cracks, holes or imperfections with Blue Barrier™ 2200 Joint Filler.
3. Use sausage gun with applicable tip to achieve desired bead of material, spread with trowel or putty knife.
4. Install window or door per manufacturer's instructions.

### WHY USE POLY WALL® BLUE BARRIER™ LIQUID FLASHING 2100?

- 60 years of successful waterproofing experience
- Provides a durable protection base for window and doors
- Works as a complete system with our PW BB 2300 air barrier liquid (power roller/spray grade)
- Made in the USA

### STORAGE

12 months from manufacture date. Store between 32°F and 80°F.

### LIMITATIONS

- Approved solvents: Mineral Spirits, Denatured Alcohol, VM&P, Methyl Acetate (VOC Exempt).
- Apply as packaged. Do not dilute or alter.
- Due to the wide variety and composition of substrates, always test a small area of substrate to validate desired result.
- When bonding to surfaces, ensure the surface is clean from dust and debris.
- When applying Liquid Flashing to other Poly Wall® Blue Barrier™ Products, the initial product must be cleaned with approved solvent and brought back to tacky.
- Surface temperatures must be between 33°F - 100°F.
- If you used the plastic trowel or putty knife, allow for the product residue to cure, and then peel off the product residue for the next use.
- Substrate stains may transfer due to BB2100 product permeability, but you will not alter the BB2100 product performance.



SCAN HERE FOR  
INFORMATION ON  
POLY WALL BLUE BARRIER  
JOINT FILLER 2200.



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**LIMITED WARRANTY:** Poly Wall Building Solutions will replace F.O.B. Ennis, TX, any material with manufacturing defects which result in water intrusion for a period of 1 year from date of purchase. Poly Wall Building Solutions will not be liable for any other claims or damages, whether direct or indirect, including consequential damages or incidental dam-

## Blue Barrier™ Liquid Flashing 2100

### TYPICAL PROPERTIES - Cured Properties at 21 days

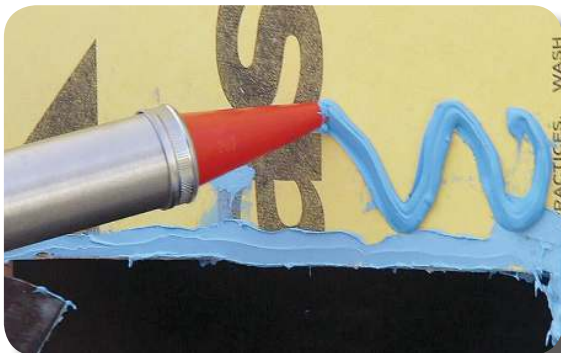
Hardness, Shore A	55-60
Tensile Strength	300-350 psi
Elongation	200-250%
Tear Strength	40-50 psi
Peel Strength	25PLI
Perm Rating	23 Perms
UV Exposure	1 Year

### Uncured Properties

Tack Free Time	<45 minutes
Cure Rate	1/8" - 16hrs.
VOC Content	<30grams/liter

*Note: Cure rates will vary based upon the relative humidity of the application environment.*

SIZE	PART NUMBER
20 oz. Sausage Tube	PWBB.2100.LF.C



# INSTALLATION GUIDELINES FOR POLY WALL® BLUE BARRIER™ LIQUID FLASHING 2100 USED AS A WINDOW & DOOR FLASHING TREATMENT

## STEP 1 - Clean & Prepare Rough Opening

A. Using a stiff brush, followed by a damp rag, and wipe away debris, sawdust, dirt or foreign matter of all surfaces including the rough opening and 6 inches around the outside perimeter of the window opening on the sheathing itself. Please note that if the substrate is wet, no problem ... Poly Wall Blue Barrier Liquid Flashing 2100 loves water.

B. Provide positive slope on the rough opening sill per Window Manufacturers Installation Specifications. IMPORTANT: If you choose 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 2 - Detail Any Void Up To 3/4"

A. Apply PW BB 2200 Joint Filler with a plastic trowel or putty knife to holes, cracks, imperfections in rough opening & sheathing surrounding opening.

B. In the corners, feel free to use your index finger with a damp cloth over it to press product completely into corner and smooth.

C. On average after 30 minutes product is ready for the next step depending on Relative Humidity and Temperature. If it doesn't stick to your finger upon touch it's ready.

## STEP 3 - Apply BB 2100 to Rough Opening

A. Starting on the top inside of the rough opening apply BB 2100 with sausage gun and trowel smooth so wood is not visible. (Target 20 mils)

B. Apply in 6-inch to 12-inch lengths, complete inside of rough opening.

C. Apply to outside of rough opening on sheathing, approx 6-inches wide.

D. Allow approximately 30 minutes for the flashing to set up depending on Relative Humidity and Temperature. It might still be "tacky" but as long as product does not attach to your finger at touch then your ready to install your window.

## STEP 4 - Install Window or Door

A. Install your window or door per manufacturers specification's and instructions.

B. Many manufacturers call for a compatible sealant to be applied prior to the window being installed into the opening. Poly Wall Blue Barrier 2200 Joint Filler can be used for this purpose.

C. After window has been installed as directed by manufacturer specifications apply Poly Wall Blue Barrier Liquid Flashing 2100 over header and jamb flanges of the window itself with gun and trowel tying it into the existing cured fluid membrane that you had applied earlier. Make sure to completely cover the flange with fluid applied product.

D. It is important to leave the sill flange on the window at the bottom un-flashed with fluid flashing to allow moisture relief in the event of a window leakage.

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