



Blue Barrier™ Joint Filler 2200

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 for the full array of products.

DESCRIPTION

Poly Wall® Blue Barrier™ Joint Filler 2200 is a structural adhesive and detail sealant used to fill voids and seams and to bond dissimilar materials. Typically Joint Filler 2200 is used to prep surfaces prior to application of other Poly Wall Blue Barrier products for Window and Door Flashings and Air Barriers.

ADVANTAGES

- Large joint and seam filler: Bridges gaps up to 3/4-inch on multiple substrates.
- Superior shore hardness: Prevents filler wear and tear
- Exceptional adhesion: Bonds well to select substrates; including Gypsum, ICF, CMU block, concrete, and (untreated) OSB or Plywood sheathings
- Non-sag: Creates a better and cleaner application bead
- Environmentally friendly: Solvent free, isocyanate free and low VOC
- Advanced proprietary technology: Provides superior adhesion
- Wet surface applications: Bonds and cures over damp wall substrates clear of detectable surface water, frost, ice, or snow
- Class A surface burning rated: Provides added fire protection against flame spread and smoke development
- Biological growth resistance: Does not provide a food source for biological growth, such as mold

INSTALLATION

The **sequence** of installation is:

1. Clean surface with brush.
2. Use sausage gun with applicable tip to achieve desired bead of material.
3. Spread if necessary with plastic putty knife.
4. When bonding to surfaces, ensure the surface is clean from dust; debris; and any other coatings, membranes, or membrane residue.
5. Allow minimum (4) hours to set / cure before continuing work.

WHY USE POLY WALL® BLUE BARRIER™ JOINT FILLER 2200?

- Works as a complete Waterproofing System with both Blue Barrier 2300 & 2400
- 60 years of successful waterproofing experience
- Poly Wall is an employee owned company, where employees expect more — of themselves and the company
- Compliant with several NFPA 285 wall assemblies
- Made in the USA
- See more online, visit us at www.poly-wall.com

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; debris; and any other coatings, membranes, or membrane residue.
- 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 residue product on tools to cure / dry, and then and peel off for the next use.
- Stains from substrate may transfer due to permeability of product but will not alter performance of product.
- Not recommended for use over wood products treated with Disodium Octaborate Tetrahydrate (DOT), commonly known as Borate or SBX, and Chromated Copper Arsenate (CCA).
- Completely cover Blue Barrier Joint Filler 2200 within (9) months to properly protect from deterioration due to Sun / UV exposure.



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

Blue Barrier™ Joint Filler 2200

TYPICAL PROPERTIES - Cured Properties at 21 days

NFPA 285	Compliant under many wall assemblies
Hardness, Shore A	60-70
Tensile Strength	250-350 psi
Elongation	215-250%
Tear Strength	40-50 psi
Peel Strength	59 PLI
Solids Content	100%
UV Exposure	9 Months

Uncured Properties

Tack Free Time	<45 minutes
Cure Rate	1/8" - 16hrs.
VOC Content	20 G/L

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

SIZE	PART NUMBER
10.1 oz. Caulk Tubes	PWBB.2200.JF.10.1OZ.C
20 oz. Sausage Tube	PWBB.2200.JF.SA.C



INSTALLATION GUIDELINES FOR POLY WALL® BLUE BARRIER™ JOINT FILLER 2200

STEP 1A - Gaps/voids smaller or equal to 3/4-inch

A. Scuff the penetration, and caulk around it with Poly Wall Blue Barrier Joint Filler 2200 applied at a minimum 35 mils wet (46 SF / Gal theoretical coverage rate) as a continuous film put on with caulk gun, plastic trowel, or putty knife; being sure to carry it a minimum 3" onto each surface at the change in plane on the penetration itself, and then tool the product for proper adhesion.

STEP 1B - Gaps/voids larger than 3/4-inch

A. All gaps and voids around the penetration in excess of 3/4-inch must be filled with closed cell backer rod and/or closed cell expanding foam. Ensure the backer rod and/or foam is set at the appropriate depth-to-width ratio. Scuff the Penetration, and caulk around it with Poly Wall Blue Barrier Joint Filler 2200 applied at a minimum 35 mils wet (46 SF / Gal theoretical coverage rate) as a continuous film put on with caulk gun, plastic trowel, or putty knife; being sure to carry it a minimum 3" onto each surface at the change in plane on the penetration itself, and then tool the product for proper adhesion.



STEP 2 - Flashing

A. Wait approximately (4) hours, based on ambient temperature and humidity, to allow the Blue Barrier Joint Filler 2200 to skin over; and then apply Poly Wall Blue Barrier Flash 'N Wrap 2400 to the penetration. Using Poly Wall Blue Barrier Flash 'N Wrap 2400, coat at least 4 inches around and onto the penetration. Because Blue Barrier products are moisture cure, please allow additional cure time for low-humidity climates; or accelerate the curing process in low humidity areas by applying a fine, evenly distributed "mist" of fresh water over the Blue Barrier material.

B. Remove Blue Barrier residue from wall surfaces and/or tools with an approved solvent: mineral spirits, denatured alcohol, or methyl acetate. For plastic trowel or putty knife tools, you may also allow the Blue Barrier Joint Filler 2200 sealant to dry / cure and then peel it off prior to re-using the tool. Do NOT clean Blue Barrier Joint Filler 2200 sealant residue from wall surfaces or tools using water because the product is a moisture-cure material, so water will aid in the cure cycle of the product.



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