



# Blue Barrier™ Liquid Wrap 2300

## Installation Instructions

### Tools/Materials Needed

- 5 gal pail of PolyWall Blue Barrier Liquid Wrap 2300
- 10.1 oz Caulking Tube of Poly Wall Blue Barrier 2200 Joint Filler• Caulking gun
- 9 to 11-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 size of your bucket opening. Make sure you can “dip” the roller into your 5 gal bucket. If you can’t locate a “Hot Dog Style” roller to meet your needs use a standard roller with a heavy duty frame. The material your applying is substantial and you’ll want a sturdy roller.
- GRACO GH 833 Spray Pump with 629-635 Tip
- A piece of 60 Grit Sand Paper
- 2 to 4-inch “Chip Brush”
- A 2 to 4-inch plastic putty knife or trowel. Plastic cleans easier in this application than metal.



### STEP 1

Clean & Prepare the substrate. Apply our fluid Air Barrier and detailing products to clean surfaces free of debris, sawdust, contaminants, oils etc. In many cases this can be accomplished with a stiff broom. In severe cases power wash off debris being careful to not harm substrates such as OSB. Substrate can be damp to the touch and Blue Barrier will still adhere well.



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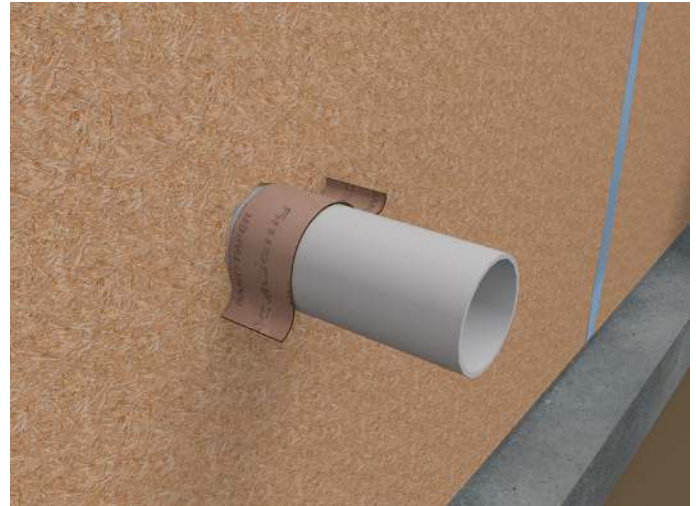
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### STEP 2

Voids in joints and dissimilar surfaces are to be filled with Poly Wall Blue Barrier 2200 Joint filler applied with a caulking gun and strike smooth with a putty knife / trowel. For voids in excess of 3/4-inch install a closed cell backer rod per manufactures instructions or spray urethane expanding foam in the void.



### STEP 3

Penetrations. Scuff up plastic penetrations such as pipes with sand paper to ensure a good bond with the fluid applied detailing products. If you have gaps or voids exceeding 3/4-inch around the penetrations fill with closed cell backer rod or closed cell urethane expanding foam.



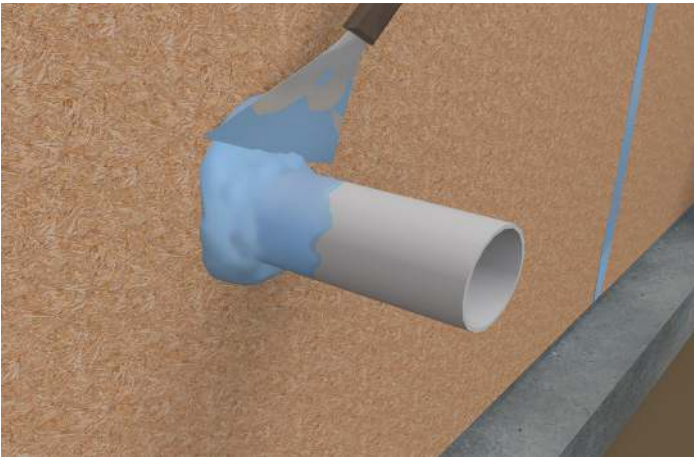
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### STEP 4

Caulk the penetration with PolyWall Blue Barrier 2200 Joint Filler and be sure to carry it on to the penetration itself 2 to 4-inches. Allow 30 minutes for detail product to set up and you are ready to apply your air barrier. The 2200 Joint Filler will be tacky but when ready it should not stick to your finger when touched.



### STEP 5

Applying the Air Barrier with roller (hand roller or power roller): We recommend Poly Wall Blue Barrier Liquid Wrap 2300. Open the 5 gallon bucket of product, no mixing necessary. Save lid liner for later use. Dip your roller into the bucket shaking of excess material back into the bucket. Start on one end of your building and apply from top of wall downward, then lapping each coat moving horizontally. Your goal is to apply approximately 20 wet mils of product which is enough where you cannot see wood any longer.



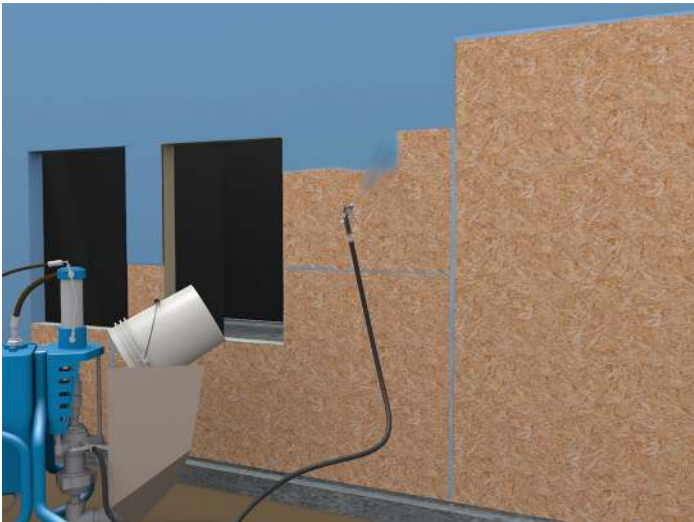
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### STEP 5A

Applying the Air Barrier with a power sprayer; The following equipment has been approved for use with Poly Wall Blue Barrier Liquid Wrap 2300: GRACO GH 833 with a tip size of 629 through 635. Tip size will vary on how much PSI the machine is getting to the tip. Sprayer pressure should be approximately 3600 PSI. Standing back 2 feet from the building apply 20 mils wet using a crosshatch spray pattern. If you don't have a mill gauge, cover the substrate enough so you only see "blue." **PLEASE NOTE:** Remove filters from the gun and pump prior to spraying. Run a solvent such as mineral spirits, desaturated alcohol or methyl acetate through the pump prior to spray to make sure the Blue Barrier is contaminated. **VERY IMPORTANT:** DO NOT let Blue Barrier material sit idle in the sprayer for more than 15 minutes. Clean your pump and wash with the solvent listed above after each use.



### STEP 6

Completely cover the entire wall substrate (OSB) around the entire above grade portion of the building.



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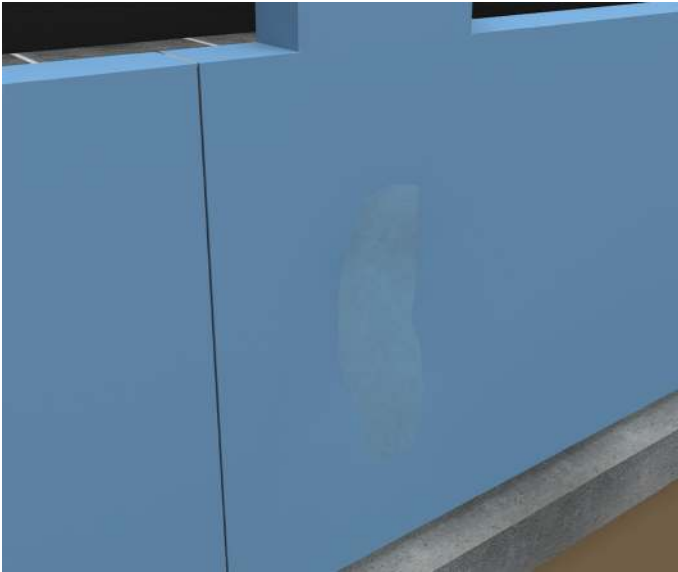






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### STEP 7

Carry the coating approximately 4 inches onto the top of the foundation wall which will tie into your foundation waterproofing. On OSB at 20 wet mils you can expect coverage of 300 to 400 square ft per 5 gallon pail depending on the porosity and texture of the substrate and the relative humidity at the time.



### STEP 8

Typically common sidings can be applied to Blue Barrier Air Barrier products the day after installation.

• **Clean Up...**To preserve any Poly Wall Blue Barrier Liquid Wrap 2300 still in the bucket in- bed the lid liner that you saved earlier and reseal the lid tightly. For extended storage: Prior to re- setting the lid liner, spray a nitrogen blanket to stop the material from prematurely curing. This type of product can be found in "Key Board Cleaner" at office supply stores. Just 2 to 3 short bursts per application is all you need.

• **Helpful Hint:** While you are applying product, if you are idle cover the bucket with lid liner and lid to insure the product has the workability you want.



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