



Home Stretch™ Liquid Waterproofing

Fluid-Applied Waterproofing Membrane

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 product offerings.

DESCRIPTION

Home Stretch™ Liquid Waterproofing is an elastomeric coating which cures to form a durable waterproofing membrane capable of bridging cracks up to 1/16th of an inch. Home Stretch Liquid is designed for waterproofing concrete, precast concrete, CMU and other vertical surfaces where positive-side hydrostatic pressure may be present. When used with Poly Wall's Arroyo Drain Board and Blue Barrier Joint Filler 2200 Home Stretch Liquid Waterproofing provides a complete waterproofing system.

ADVANTAGES

- Simple to install using a roller, power roller or airless sprayer.
- No primer required, install directly over clean and dry poured concrete, CMU or precast vertical walls.
- Touch-up applications of Home Stretch Liquid waterproofing membrane can be easily completed after the membrane has dried/cured. New membrane will properly bond to existing membrane.
- Home Stretch Liquid membrane does not provide a food source for biological growth, such as mold.
- Can be installed in both cold (0°F and rising) and hot (up to 120°F) temperatures.
- Fluid-applied materials offer embedded adhesion into the substrate surface versus sheet-applied material which typically offer only surface adhesion properties.
- Covers hard to get to corners, transitions and footers more easily than sheet membrane products.

WHY USE POLY WALL® HOME STRETCH WATERPROOFING?

- 60+ years of successful waterproofing experience.
- Wide temperature application range (0° F - 120° F) can limit weather related project delays and improve productivity.
- Superior durability, puncture resistance and tensile strength.
- Complete line of complimentary products to confidently complete your project.
- Poly Wall is an employee owned company, where employees expect more of themselves and the company.

INSTALLATION

The sequence of installation is:

- Substrate must be clean, dry and clear of dirt, debris, frost, smears and concrete form release agents. Allow substrate to cure for a minimum of 3 days prior to the waterproofing system installation.
- Detail cracks inside/outside corners, changes in plane and other cold joints and irregularities with Poly Wall™ Blue Barrier™ 2200 and tool for adhesive bond and to provide a flush surface.
- Apply Home Stretch Liquid membrane and related accessory products in ambient temperatures between 0° F (-29° C and 120° F (49° C); as one coat or more; by sprayer, roller, or brush to achieve a continuous film at the desired coverage rate of 27 SF / Gal (60 mils wet). For application with an airless sprayer, use 3700-4000 PSI pressure and a 0.037-inch reversible spray tip. Allow the application a minimum 24 hours to dry/cure.
- Install Poly Wall Arroyo Drainage Board, or protective board provided by others.
- Backfill in a non-destructive manner.

LIMITATIONS

- Do not use on ICF's utilizing rigid plastic foam insulation. (For ICF's try our Home Stretch ICF Sheet Waterproofing)
- Cover within 30 days of waterproofing coating installation.
- Wear appropriate safety gear for application of solvent based coatings, (i.e. gloves, eye protection, respirator, ventilation, etc.)
- Prohibit flames, sparks, welding or smoking during installation.
- Do not use Home Stretch Liquid membrane as a waterproofing solution where potable water will be stored/ available.
- Do not use Home Stretch Liquid membrane on the interior side/ face of walls due to negative-side hydrostatic pressure.
- This product is not intended to be shipped or used in the States of California, Connecticut, Delaware, Maryland, or Rhode Island. The use of these products must be according to Federal, State and local governing regulations.



WARNING

- Flammable Liquid and vapor. DO NOT SMOKE while mixing or applying product. Ensure there are no open flames and/or spark generating sources on project while mixing or applying the product.

PRECAUTIONS

- Install in a well-ventilated open area. Take safety precautions and wear appropriate safety gear for the application of solvent based coatings (i.e. gloves, eye protection, respirator, ventilation, etc.) according to Federal, State and local governing regulations. Harmful if inhaled. Can cause eye and skin irritation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor, or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment and non-sparking tools. All trucks, barrels and spray equipment shall be properly grounded and bonded. A working fire extinguisher, type ABC, shall be available onsite in both the mixing and work areas. Prior to use and mixing, review the Safety Data Sheet for proper protective equipment and additional health, environmental and safety precautions.

STORAGE

- This product is a solvent based product and special care must be taken during storage, handling and use. Protect containers from water, sparks, flames, excessive heat, and poor ventilation. Store/keep product out of direct sunlight and in ambient temperatures between 10° F (23° C) and 100° F (38° C). For best application results, store in ambient temperatures above 50° F (11° C). Store in original container, lid securely closed, and with all markings & labeling in tact. Follow all Federal, State and local governing regulations.

SCAN HERE FOR INFORMATION ON HOME STRETCH WATERPROOFING SHEET MEMBRANES FOR ICF WALL SYSTEMS.



LIMITED WARRANTY: Poly Wall Building Solutions will replace F.O.B. Ennis, TX, any



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material with manufacturing defects which cause leaks 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 damages.

Home Stretch Liquid

| Property | Test Method | Typical Value |
|--------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------|
| Permeance to Water Vapor Transmission | ASTM E 96 | 0.058 Perms |
| Membrane Hydrostatic Pressure Resistance | ASTM D 5385 | 231 ft. |
| Peel Adhesion | ASTM D 903 | 7.05 lbs./in. |
| Tensile Strength | ASTM D 412 Modified Die C | 378 PSI |
| Adhesion | ASTM D 4541 | 135+ PSI Average |
| Hydrostatic Pressure Over Cracks, Poured Cement and Poured Masonry | ASTM C 1306 | 11 PSI |
| Low-Temperature Flexibility and Crack Bridging | ASTM C 836 Section 6.7 | Pass |
| Remains in Place During Application, Poured Cement and Masonry | ASTM C 836 Section 6.9 | Pass |
| Adhesion Strength to Poured Concrete | ASTM C 836 Section 6.10 | 7.551 lbf/in. |
| Extensibility After Heat Aging | ASTM C 836 Section 6.12 | No Cracking or Tearing of Membrane |
| Resistance to Water | ASTM D 2939 Section 15 | No Blistering or Re-emulsification |
| Antifungal Activity Mildew and Rot Resistance (Proban) | AATCC Method 30 | No Visible Growth On Any Film |
| Cold, Liquid-Applied, Below-Grade, Exterior Dampproofing and Waterproofing Materials | ICC-ES AC 29 | Pass |
| Category 1 40 C.F.R. 59.401 "Waterproofing Sealers and Treatments" | ASTM E 96 | 525 G/L VOC Also available in other VOC options |

| SIZE | PART NUMBER |
|---------------|-------------|
| 5 Gallon Pail | PWWS.LW.5 |



INSTALLATION GUIDELINES FOR POLY WALL® HOME STRETCH™ LIQUID WATERPROOFING ON POURED CONCRETE & CMU WALLS

The installation guidelines provided below are not intended to be full and complete application instructions.

For full Home Stretch Liquid Waterproofing application instructions scan here.



STEP 1 - Clean & Prepare

- Provide clean, dry frost-free substrate without dirt, debris, ice, mortar smears and form release agents.
- Allow substrate to cure for a minimum of 3 days prior to detail treatment and coating application.

STEP 2 – Use 2200 Joint Filler

- Fill the depressions and wall irregularities in poured concrete and mortar voids in CMU with Poly Wall Blue Barrier 2200 Joint Filler to provide a flush substrate surface for Home Stretch Liquid to be applied.
- If applicable apply 3/4-inch tooled bead of Poly Wall Blue Barrier 2200 Joint Filler at intersection of vertical wall and footer.

STEP 3 - Install

- Apply Home Stretch Liquid waterproofing at 60 mils wet (27 SF/ GAL).
- Allow minimum 24 hours to dry/cure.
- Install Poly Wall Arroyo Drainage Board, or protective board provided by others. Home Stretch Liquid membrane surfaces should be dry and free of stones and dirt prior to drainboard / protection board installation. Hold the selected board in-place against the membrane by backfilling against the selected board in lifts, or by adhering board directly to the membrane with the Poly Wall Quick Grip Adhesive. When adhering the Arroyo Drainboard, use spot adhesion only rather than full adhesion, to protect the membrane in the event of backfill settlement exerting downward pressure. With spot adhesion, the board will be allowed to detach from the membrane and slip downwards to relieve stress on the membrane.
- Backfill in a non-destructive manner.

SCAN HERE FOR INFORMATION ON ARROYO DRAINAGE BOARD

