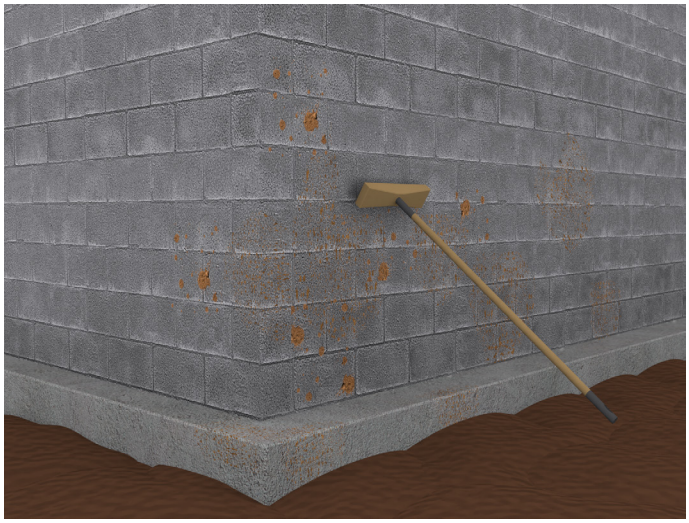
Stretch Flex



STEP 1

Apply Stretch Flex onto vertical cast-in-place concrete, concrete masonry (CMU), or precast foundation walls. The substrate foundation wall must be clean; dry; clear of dirt, debris, frost, smears, and concrete form release agents; and be allowed to cure a minimum three (3) days prior to the application of the Stretch Flex. Do not use Stretch Flex on Insulated Concrete Form (ICF) walls, which utilizes rigid plastic foam insulation. The Stretch Flex contains solvents which will attack the rigid foam insulation. For ICF walls, Polyguard recommends the WM40 Sheet Waterproofing System. Take safety precautions and wear appropriate safety gear for the application of solvent-based coatings (i.e. gloves, eye protection, respirator, ventilation, etc.). Prohibit flames, sparks, welding, or smoking around the Stretch Flex and during its application.

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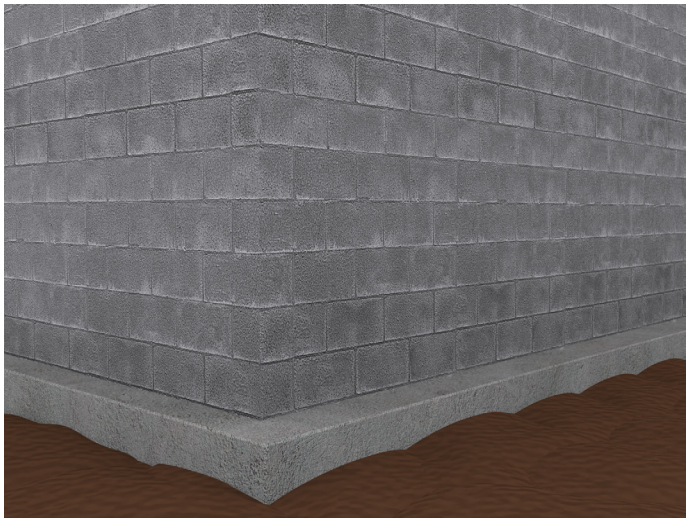
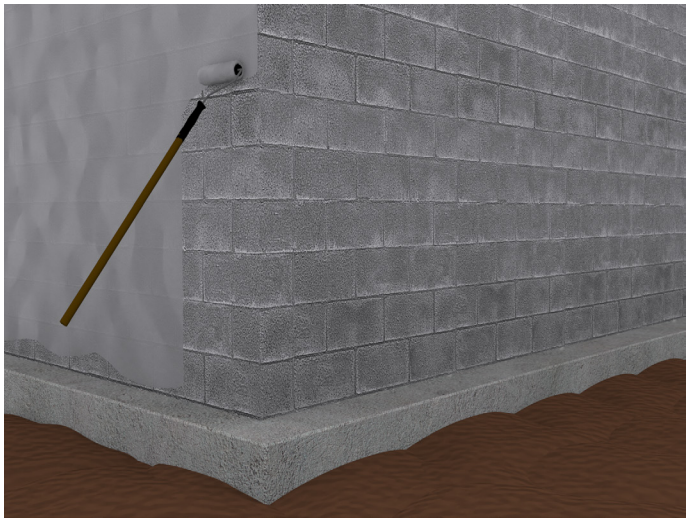


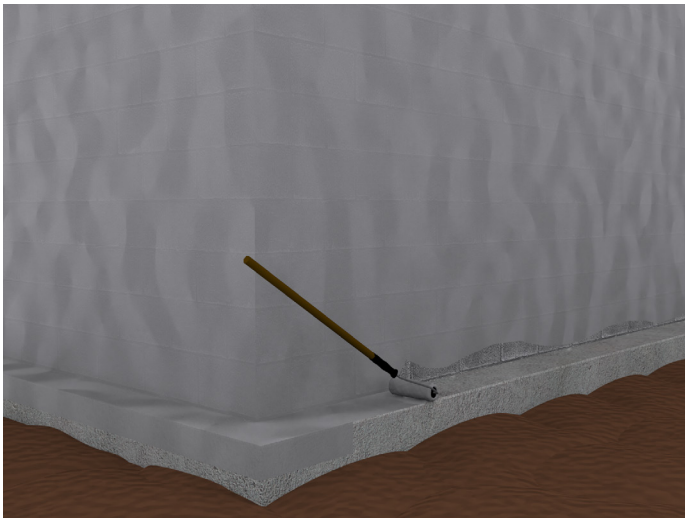
STEP 2

A primer is not required to install Stretch Flex onto cast-in-place concrete or concrete masonry (CMU) foundation walls. Install the membrane directly over clean and dry foundation walls in ambient and surface temperatures between 0 (F) and 120 (F).



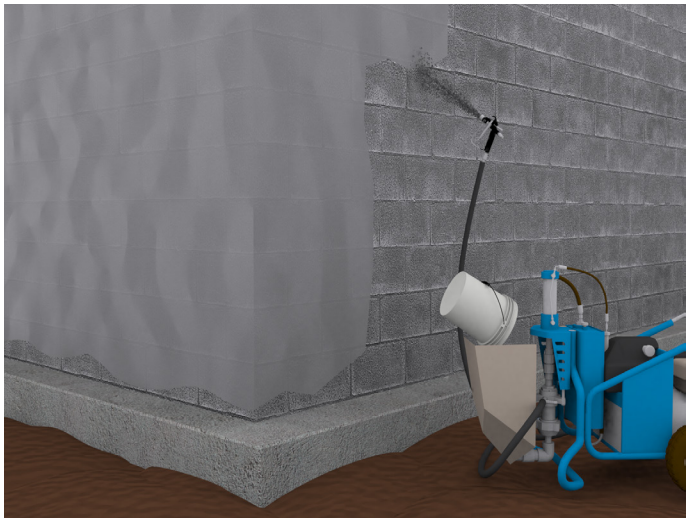
STEP 3A

Apply Stretch Flex evenly to the foundation wall in one or more coats using airless spray equipment, brush, or roller, to achieve a continuous film at the desired coverage rate of 27 square feet per gallon (60 mils wet in total). For roller applications, a 3/8" or 3/4" nap cover is recommended. Stretch Flex dries to a total average thickness of 30 mils. Coverage rates will vary inversely related to the concrete substrate texture and porosity. Drying in direct sunlight and temperatures above 65°F (18°C) can cause blistering of Stretch Flex. Where said exposure can't be avoided, apply the waterproofing membrane in multiple coats of 20 to 30 mils wet, allowing each application layer to dry a minimum twenty-four (24) hours before applying the next layer. Apply Stretch Flex from the bottom of the foundation wall to align with finish grade. When continuing the Stretch Flex above grade level is required to reach the top of foundation, apply UV40 or metal flashing over all of the Stretch Flex above grade, with its lower edge a minimum of four (4) inches below grade, to protect the installed Stretch Flex from UV exposure beyond its 30-day UV exposure limit.



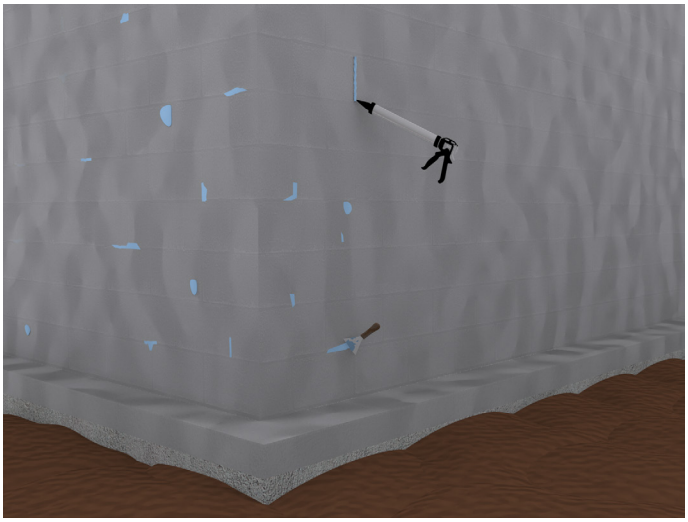
STEP 3B

Continue Stretch Flex Membrane from the base of the foundation wall onto the horizontal top face of the footer, and extend Stretch Flex Membrane down the vertical front face of the footer.



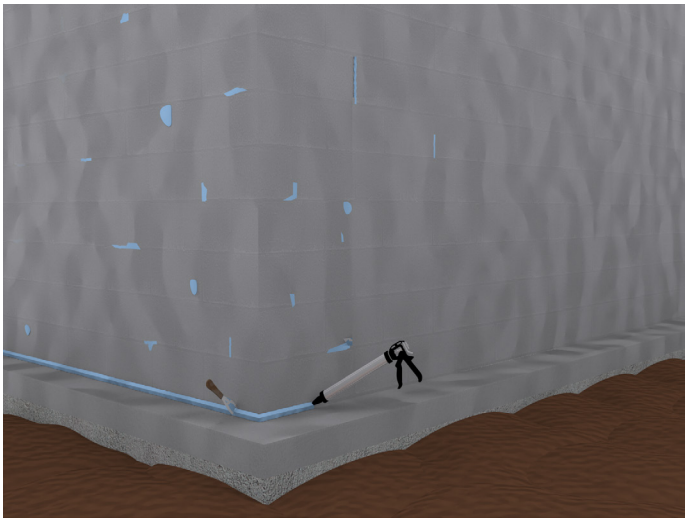
STEP 3C

For applications with an airless sprayer, use 3700 to 4000 PSI stall pressure and a 0.037-inch reversible tip. Allow the Stretch Flex application to dry for a minimum twenty-four (24) hours, and then inspect for complete and continuous coverage. During the inspection, apply additional Stretch Flex material as needed to provide a complete and continuous membrane, then allow an additional minimum twenty-four (24) hours for the additional material to dry before continuing work on the foundation wall surface. Drying in direct sunlight and temperatures above 65°F (18°C) can cause blistering of Stretch Flex. Where said exposure can't be avoided, apply the waterproofing membrane in multiple coats of 20 to 30 mils wet, allowing each application layer to dry a minimum twenty-four (24) hours before applying the next layer. Apply Stretch Flex from the bottom of the foundation wall to align with finish grade.



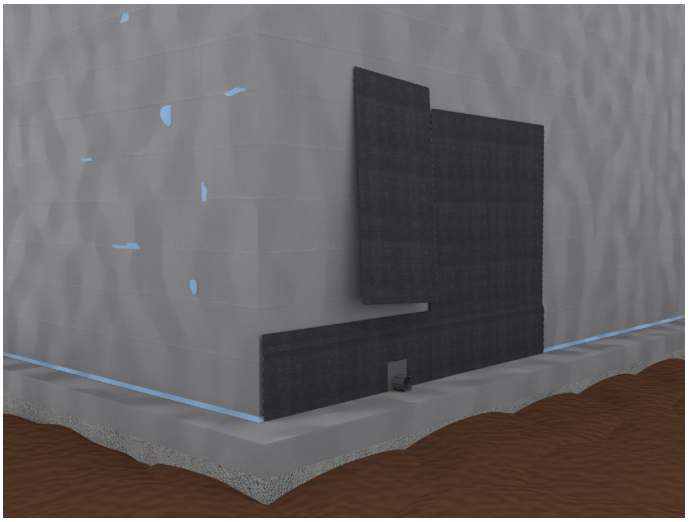
STEP 4

Minor voids in the foundation wall, as well as wall control joints, are to be filled and sealed with Blue Barrier Gap Filler. Allow the Blue Barrier Gap Filler a minimum 24 hours to dry/cure skin before covering, adding additional time for lower ambient and surface temperatures.



STEP 5

Apply a 3/4-inch, tooled bead of Blue Barrier Gap Filler at the intersection of the vertical foundation wall and the horizontal footer face.



STEP 6

Install Polyguard Polyflow 10 and Totalflow protection and drainage board accessory products over the complete and continuous Stretch Flex system; or provide another protective board by others, and then backfill in a non-destructive manner. Refer to the Polyflow 10 and Totalflow protection and drainage board installation instructions for proper installation steps/sequence. After application and minimum twenty-four (24) hours cure time, the Stretch Flex is not affected by immediate or subsequent exposure to rainy weather. Stretch Flex will be adversely affected by prolonged or constant ultraviolet radiation (UV) exposure longer than 30 days. For periods of (UV) exposure greater than 30 days, remove and recoat uncovered/exposed Stretch Flex.