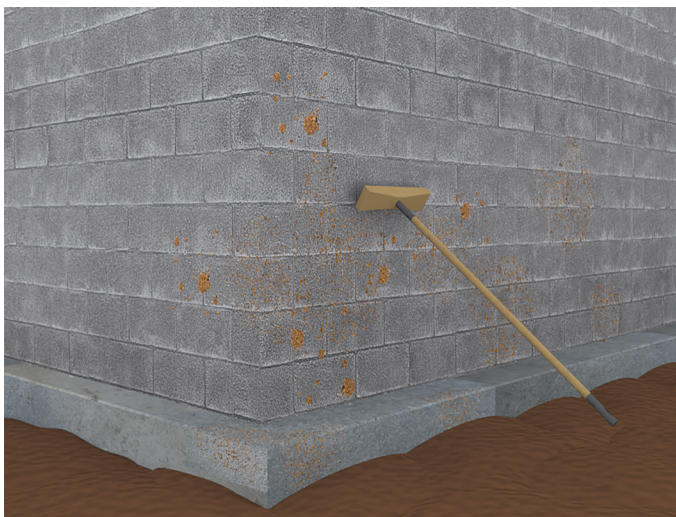
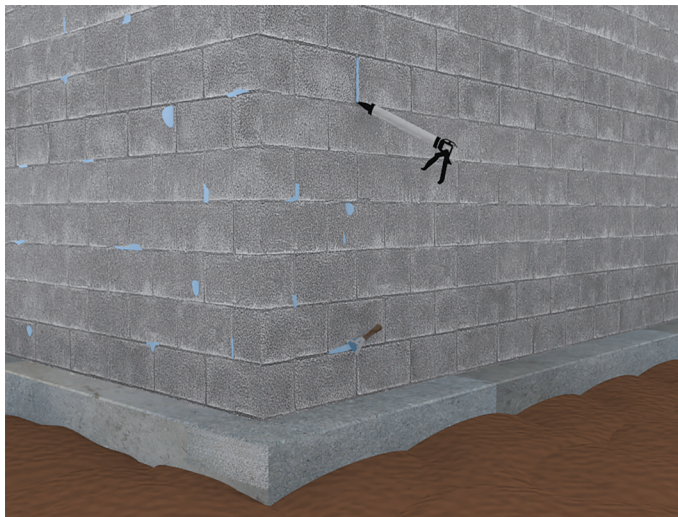


# Stretch Flex



## 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 Home Stretch 40 Mil Membrane and Detail Tape 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.



## STEP 2

Minor voids in the foundation wall, as well as wall control joints, are to be filled and sealed with Blue Barrier Gap Filler. Application of the Blue Barrier Gap Filler can be executed either before or after the application of Stretch Flex. Allow the Blue Barrier Gap Filler a minimum 24 hours to dry/cure skin before covering with the Stretch Flex, adding additional time for lower ambient and surface temperatures. 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).



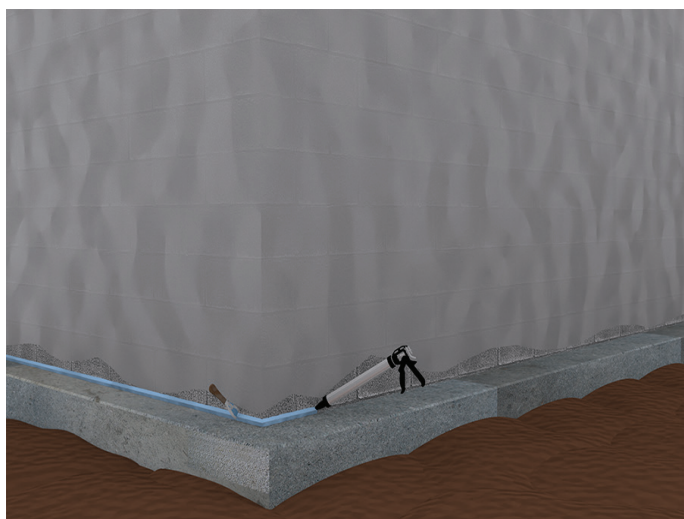
## STEP 3

**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 from the bottom of the foundation wall to align with finish grade.**



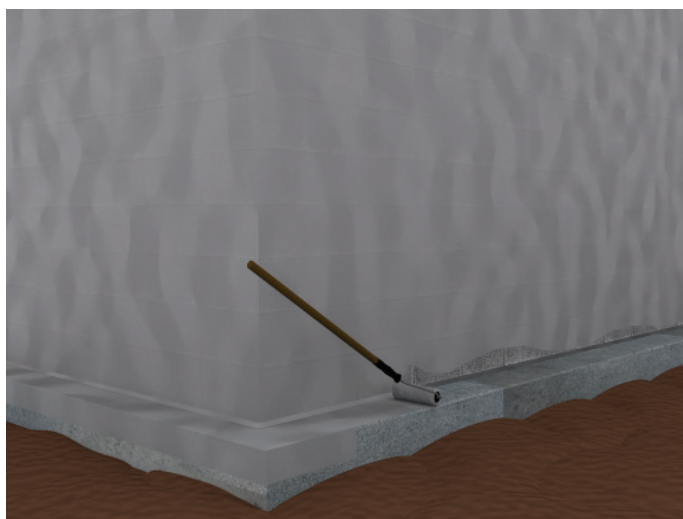
## STEP 4

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. 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 limit.



## STEP 5A

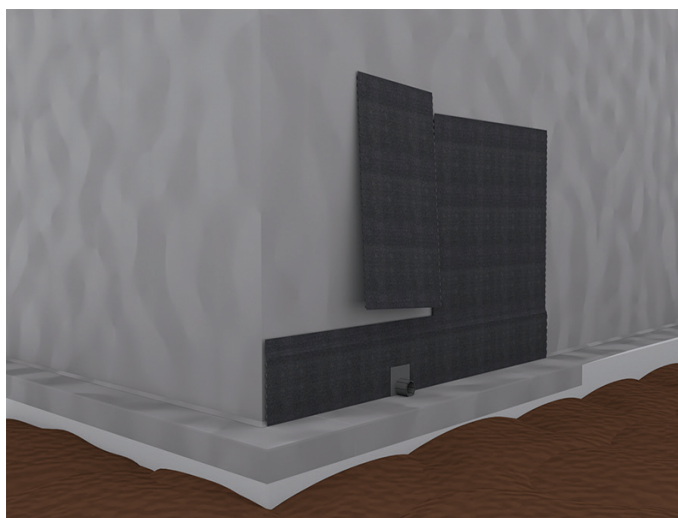
Apply a 3/4-inch, tooled bead of Blue Barrier Gap Filler at the intersection of the vertical foundation wall and the horizontal footer face prior to the Stretch Flex application.



## STEP 5B

If Stretch Flex is continued at the base of the foundation wall onto the footer, 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 prior to the Stretch Flex application.





## STEP 6

**Install 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. After application, 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.**