

Basement Wall Insulation Install Instructions

Application

Basement wall insulation allows you to insulate without the cost of full framing or finishing the interior basement walls. It can be used in new construction or for retrofit of existing homes. You can apply the product horizontally or vertically which gives you the flexibility to insulate the full-wall or only a half-wall if desired. At your option, you can choose either a perforated or a non-perforated facing material. Choose the perforated option whenever you feel moisture will migrate toward the home's interior. The non-perforated facing would be best when you feel that warm (potentially moist) interior air will predominantly migrate outward toward cold surfaces.

Installation

Always repair any walls which leak water before installing basement wall insulation.

HORIZONTAL*: For a horizontal application, we recommend our wide roll with 2-3" stapling flanges (or tabs). Attach a 2" x 4" furring strip to the sill plate and another one 48" (assuming 8' ceiling) below the bottom of the sill plate. Place the insulation (white facing material should be toward the interior) between the furring strips. Staple the 3" facing tabs to the furring strips every 4" to 6". This would insulate the top half of the wall. Add another furring strip at the base of the wall and repeat for a full wall application.

VERTICAL: For a vertical application we recommend our product with 1-6" tab and double stick tape pre-applied.

Option #1

Measure from the basement floor to the top of the sill plate. Add 8" to the total to account for the wrap under the treated lumber and the sill. Cut the blanket. Place a small amount of insulation

between a treated 1" x 4" or 2" x 4" and the basement wall (see Figure #1). Compress the insulation with the treated lumber and attach with a power actuated gun or equivalent. Pull the material from the floor to the top of the basement wall and attach to the sill plate (see Figure #2). An additional piece of treated lumber may be needed at the top of the wall depending on specific construction



details. Trim any excess insulation for a neat appearance. Pull the release paper from the factory applied double stick tape. Overlap this 6" facing tab and adhere to the adjacent blanket.

Option #2

To determine how long to cut the blanket, measure from the basement floor to the top of the sill plate. Add 4" to the total and cut the blanket. Attach a 2" x 4" furring strip to the sill plate and another one at the floor. Hold the insulation against the upper furring strip and staple the facing to the furring every 4" to 6". Pull the insulation downward gently and staple it to the lower furring strip every 4" to 6". Trim excess insulation for a neat appearance. Pull the release paper from the factory applied double stick tape. Overlap this 6" facing tab and adhere to the adjacent blanket.

* Horizontal application may not be a viable alternative depending on wall height. Rolls are typically 48" wide with 2-3" tabs.

Please contact your Silvercote Sales Representative
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