



Single Layer Wall Install Instructions

FOR NEW CONSTRUCTION

Read the entire instructions before you begin.

Before you begin:

Locate the shipping pallet that contains the Energy Saver installation packet, which will be indicated by a marked sticker.

It will contain:

- Jobsite Cutlist This should be used to inventory all Energy Saver fabric/components and unfaced insulation rolls. Additionally, it will indicate where the products are to be installed on your project.
- *Installation Instructions* These will be used to explain the steps involved with the Energy Saver wall installation.
- *Packing Slip(s)* This is the carrier's paperwork detailing delivered materials. Please be sure to inventory all materials and mark any shortages before signing delivery paperwork.



The pallet(s) will also contain the accessories needed for the successful completion of your Energy Saver Wall:



The Energy Saver system is not recommended for high humidity applications and should never be used in buildings housing pools or open sources of water.

What an Energy Saver wall does!

Providing a clean, plum and finished appearance is only part of a correctly installed Energy Saver Wall system. Properly filling the cavity must also be done to provide optimal performance.



We recommend using a metal angle, not supplied by Silvercote, as the most durable connection (Technical Detail SIL 800). While this angle may not be supplied as a standard part by many manufacturers it is typically available at an additional charge, or can be purchased locally.

A basic method is to use the supplied banding and tape to make this connection. See Technical Detail SIL812 available at www.silvercote.com



STEP 2. Vertical Insulation Install



STEP 2. Vertical Insulation Install (CONTINUED)

2.5 Apply adhesive backed Energy Saver thermal foam tape (1/4" thick x 3" wide) to exterior flange of secondary structurals. Remove the paper backing

For framed openings see the SIL810 - Door and Window Technical Detail.

2.6 Install wall sheeting as per the manufacturer's instructions.





Continue to STEP 4







- **3.3** Insul-hold should be installed full height 12" from the ends of the roll and then 5' on center max.
- **3.4** From the inside of the building, bend arrows down to a 90 degree angle.



Bend arrows toward the inside of building



WARNING - Insul-hold should support each end of insulation. Additional Insul-hold pieces may be cut and installed if needed

STEP 3. Horizontal Insulation Install (CONTINUED)

- **3.5** Install Energy Saver thermal foam tape along the eave strut, base channel, each wall girt or any structural that will come into contact with the wall sheeting. Remove the paper backing.
- **3.6** Install wall sheeting per the manufacturers instructions.



- **3.7** Locate the proper width of insulation for the height of each girt space. Unroll insulation cutting to length plus 1" longer to assure a firction fit. Install cut roll into the cavity and impaling it on Insul-hold arrows.
- **3.8** Apply the Energy Saver double-sided tape to the metal angle at Eave Strut, along the base channel and along the sides of the main structurals.
 - WARNING Metal angle is not provided by Silvercote.
- **3.9** Remove the tape backing along the metal angle only.





STEP 4. Install the Energy Saver wall fabric and banding

4.1 Pull the wall fabric up toward the wall girt to the metal angle. Ensuring the fabric is square, apply the fabric to the Energy Saver double-sided tape.





STEP 4. Install the Energy Saver fabric and banding (CONTINUED)

4.3 Working your way down from the top. Smooth the Energy Saver fabric out ensuring there are no wrinkles and install ¾" tek screws with washers through the banding at each wall girt down to the base channel.



4.4 Gently pull the Energy Saver fabric back from the main structurals and remove the backing from the Energy Saver double sided tape. Apply the Energy Saver fabric to the tape. Press firmly to ensure the Energy Saver fabric adheres to the tape.



These can be downloaded from Silvercote.com or ask your Salesperson. ENERGY SAVER WALL TO ENERGY SAVER ROOF CONNECTIONS



SIL800 - Energy Saver Sidewall to Energy Saver Roof - Angle Connection



SIL813 - Energy Saver Expandable Endwall to Energy Saver Roof Connection



SIL814 - Energy Saver Non-Expandable Endwall to Energy Saver Roof Connection



SIL812 - Energy Saver Sidewall to Energy Saver Roof - Banding Connection



SIL815 - Energy Saver roof to Energy Saver Expandable **Endwall Banding Connection**

ENERGY SAVER WALL CONNECTIONS



Envelope filvercote Energy Saver Wall Base Cha





SIL816 - Energy Saver Wall **Base Angle Connection**

Energy Saver Wall Base Angle C

These can be downloaded from Silvercote.com or ask your Salesperson.

ENERGY SAVER WALL TO OTHER ROOF SYSTEMS



SIL802 - Sag N Bag Roof to Energy Saver Wall



SIL803 - Purlin Glide Roof to Energy Saver Wall



SIL804 - PIR Board Roof to Energy Saver Wall



SIL805 - MBI Roof to Energy Saver Wall



SIL806 - Long Tab Banded Roof to Energy Saver Wall