

Wall Insulation Instructions - Energy Saver Fabric

Step 1: Inventory insulation with the Jobsite Copy of the Order Acknowledgement.

Step 2: Install thermal tape to the exterior side of the girts prior to installing the wall sheeting. See Figures 1 & 2

Step 3: Cut 30 inch long pieces of Insul-Hold and install behind the girts (in between thermal tape and the wall panels) approximately 24 to 36 inches on center. Bend arrows of Insul-Hold inward at a 45 degree angle. See Figures 1, 2 & 3

Step 4: Screw 1"x8" or 2"x10" wood member to the underside of the eave strut so it's plumb with the girt below (if the girts are 8" then use 1"x8" wood members and if they are 10" or larger then use 2"x10" wood members). See Figures 4, 5 & 6

Step 5: Cut and place the rolls of insulation vertically. Cut pieces of the insulation to the girt space plus 1 inch for tight fit. Place insulation behind each column. Do not overlap insulation, adjoin each piece to a tight fit. See Figures 1 & 7

Step 6: Unwrap and position the Energy Saver (ES) fabric on the floor. Deploy the fabric upward toward the eave strut and over the 1"x8" or 2"x10" wood member. The white side is the finish side.

Step 7: Spread the fabric out over the entire bay and clamp over the wood members or where necessary to hold it in position.

Step 8: Fasten the fabric to the wood members with a horizontal steel banding and screws at 12 inches on center. (Fabric is custom made to fit each bay, refer to the diagram provided with the Energy Saver system). See Figure 6

Step 9: Place double sided tape vertically to the inside corner of the column flanges (the part where the column flange meets the column web). See Figure 8

Step 10: Install vertical steel banding at 60" on center starting and ending approximately 6 inches from the columns. Fasten the steel banding at the wood member under the eave strut, at each girt and at the bottom channel with a white self tapping screw. (Stretch the fabric outward prior to installing and fastening the steel banding). See Figures 1 & 9

Step 11: Install the remaining portion of the fabric at the columns by removing portions of the paper from the double sided tape and stretching the fabric on to the tape. (Start this procedure at the eave strut and work down toward the base channel).

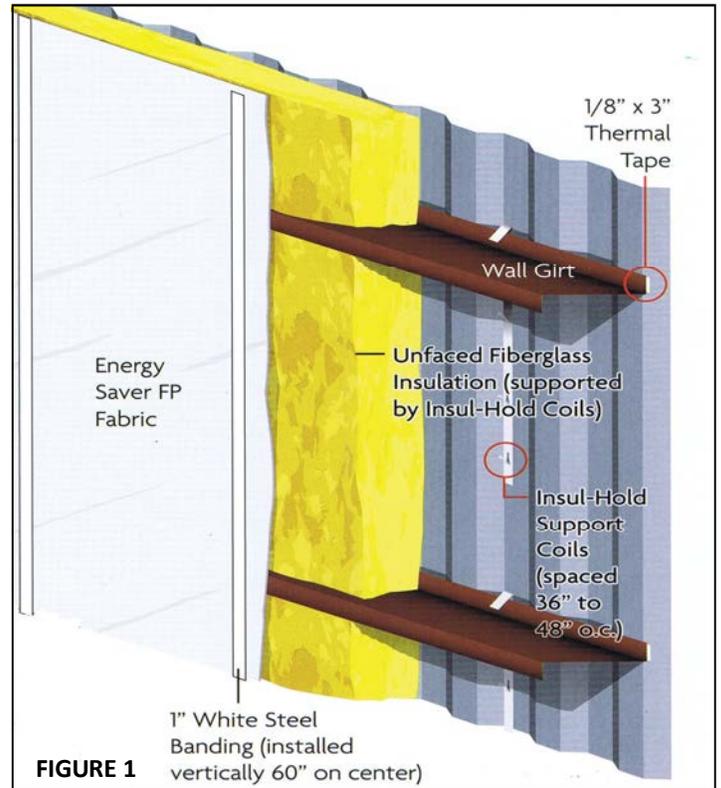
Step 12: Cut any excess of fabric at the columns (the part where the column flange meets the column web) and at the floor with a utility knife.

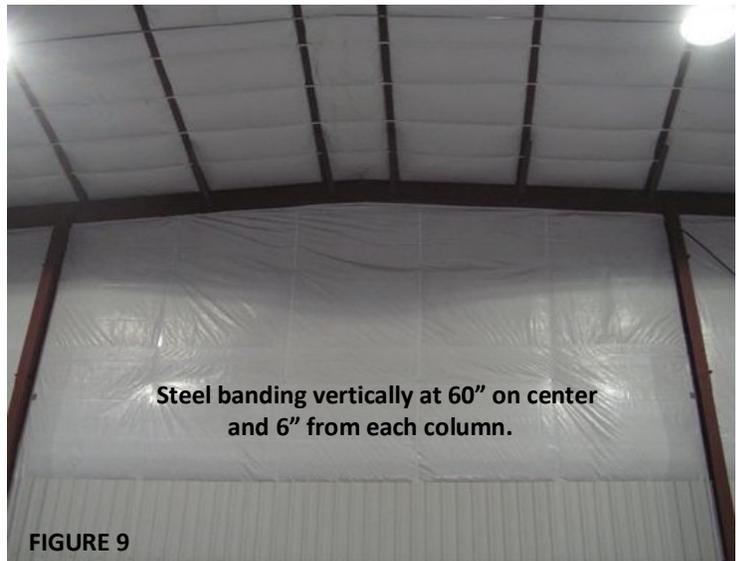
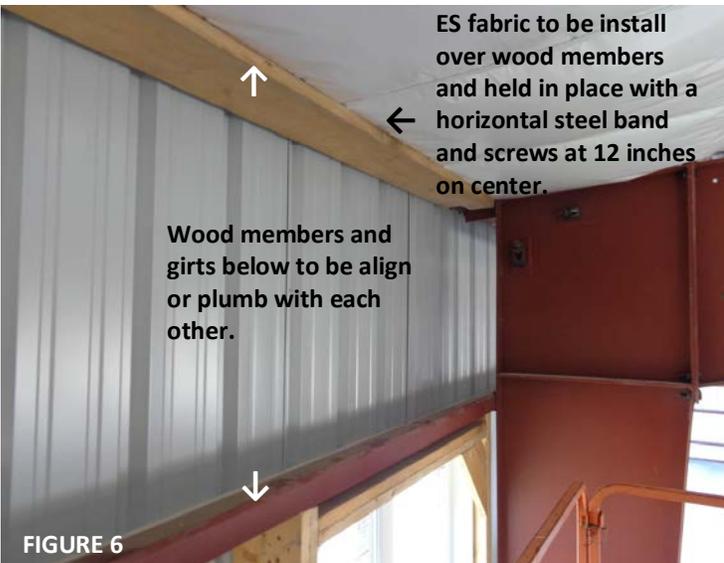
Step 13: Repeat steps 3 through 12 for each bay side wall.

Step 14: When installing the insulation and fabric on the gable or end walls, it is not necessary to install the wood members. See Figure 9

Step 15: On the gable or end wall, follow Steps 2, 3, 5, 7, and 10. You can either install the fabric with the double sided blue tape over the column flanges or tug in the fabric behind the columns and beams. If installing the fabric behind the columns, apply 6 inch pieces of double sided tape behind the columns two feet on center.

Step 16: After the fabric is completed, Install the flange braces with the clips from the columns to the girts as indicated on the plans.





Kalex Steel Buildings, Corp.

PO Box 1377 • Choteau, Montana 59422
 Phone 800-589-1002 • Fax 888-589-0014
 Email: kalexstl@hotmail.com
www.kalexsteel.com