

INSTALLATION

Reflective Insulation is easily installed using a tape measure, scissors or a utility knife, a staple gun and duct or foil tape.



TO INSTALL

- Measure and cut insulation with scissors or utility knife, allowing extra length for overlap at the bottom.
- With foil side facing the wall, staple one of the flanges to furring strip, every 4 - 8 inches from top to bottom.
- Attach the insulation to the other furring strip and staple flange. During the installation process, the pleats in the foil should create an air pocket between the two layers that forms the barrier to heat transfer.
- For optimum effectiveness, insulation should fit snugly around wall outlets. Gaps around outlets or at seams should be taped securely. Foil must not make contact with the opposite side of the wall cavity.
- Tears in the material should be repaired with tape.
- Metal furring strips should be wiped with a clean cloth prior to installation. When applying to metal furring strips, IIP recommends using our patent pending version of Peel of Stick Sol-R-Wall Reflective Insulation.
- To cover splices in wall cavities, overlap the materials or cut a square, and butt the pieces together.
- For irregularly shaped cavities that are more narrow than the standard widths, pull insulation over the top of the furring strip. For cavities that are wider than 16", use the 24" wide material. For cavities wider than 24", install an additional furring strip.
- For horizontal spaces above and below windows, install insulation horizontally as outlined above.

INSTALLATION TIPS

SPLICES

Treat wall splices with overlapping Sol-R-Wall pieces or cut Sol-R-Wall material to fit side by side and tape seam so that the material is seamless.

OPENINGS

As shown in the diagram, make sure material is installed tightly around all openings. Tape may be applied to secure the edges of the Sol-R-Wall.

NOTES

- Tears and rips must be taped.
- Wipe metal furring strips and apply spray adhesive or double stick tape on the metal furring strip(s). This step will secure the insulation temporarily (until the wall board is installed).
- Recommended review: ASTM C727 -12 for Standard Practice for Installation and Use of Reflective Insulation.

WALLS FURRED 16" & 24" ON-CENTER

Reflective Insulation is easily installed using a tape measure, scissors or a utility knife, a staple gun and duct or foil tape.

HORIZONTAL FURRING STRIPS

1. Hold printed side of the Sol-R-Wall with the foil side facing the masonry.
2. Staple at the top of the furring strip on one side only until completed to the length of the panel. Staple every 4" to 8".
3. Trim the Sol-R-Wall and allow enough length to overlap the bottom horizontal furring strip.
4. Grasp the staple tab on the opposite side and lightly pull to expand the material. Staple to the other furring strip. Repeat the procedure for the entire length of the wall, stapling every 4" to 8".
5. Staple the top and bottom horizontal furring every 4" to 8". Note: When using Peel and Stick material remove clear backing tape and firmly press material to furring strip allowing glue to adhere the continuous length of furring strip.

WINDOW CAVITY

Sol-R-Wall can be installed horizontally on horizontal furring strips only.

NON-STANDARD CAVITIES

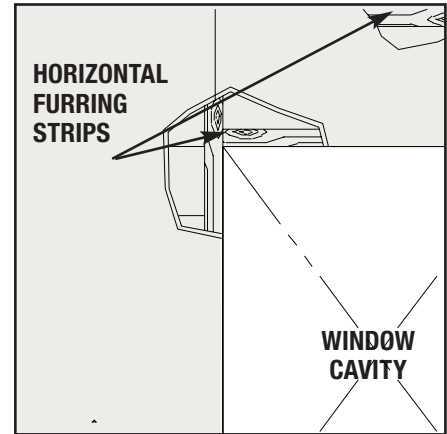
1. Measure and cut insulation with scissors or utility knife, allowing extra length for overlap at the bottom.
2. With foil side facing the wall, staple one of the flanges to furring strip, every 4 - 8 inches from top to bottom.

Note: for Peel and Stick repeat instructions above.

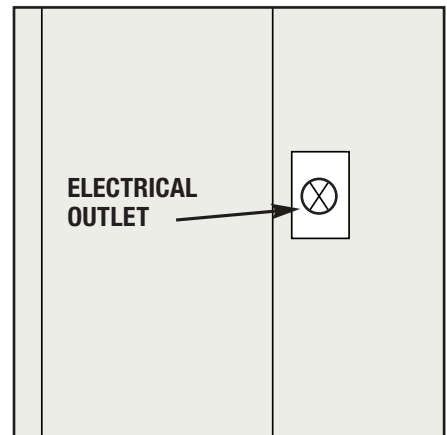
STORAGE

Sol-R-Wall should be stored in a covered building. It is best to be kept off the floor, away from exposure to water. Measures should be made to store material if extreme weather is present.

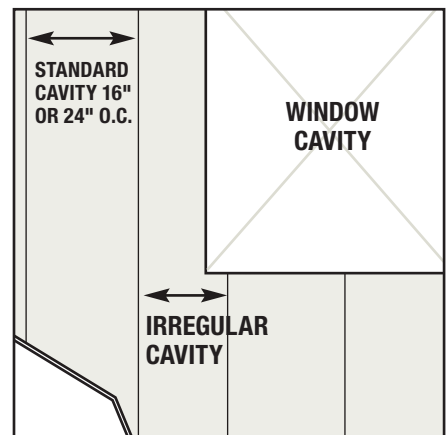
*Warranty may not be upheld if storage, installation and handling recommendations are not followed.



Sol-R-Wall can be installed horizontally on horizontal furring strips only.



Install Sol-R-Wall tightly around all outlets and openings. Use tape as needed.



Apply 24" wide insulation on non-standard cavities that are 16" or more (O.C.).

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of SOL-R-WALL Insulation listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame-spread or smoke-developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information.