

U.S. Residential

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Foam Over Studs -Installing STYROFOAM™ Residential Sheathing, Tongue & Groove, DURAMATE™ Plus, TUFF-R™, Super TUFF-R, THERMAX™ or STURDY-R [Normal View](#)

Measuring and Cutting

Installation Steps

1. Mark the Dow insulation boards by dragging the hook of a measuring tape along the surface of the board while holding the other end of the tape at the desired measurement.
2. Dragging the hook will create a small mark to follow when cutting. Set the board on a flat, sturdy surface for ease and safety in cutting. A pair of sawhorses is usually sufficient for waist-high work. Follow the mark left by the tape edge, holding the knife low against the board. Don't cut all the way through; just make a deep impression with the knife blade. Once the entire measured line has been scored, simply snap off the piece, over the edge of your work surface.
3. Install a code-acceptable corner bracing such as diagonal metal strapping, let-in wood or wood structural sheathing (wood sheathing should be covered by Dow insulation boards to provide full wall insulation). Note: Dow insulation boards are not structural panels.
4. Install Dow insulation boards vertically with long joints in contact with one another and bearing directly on the framing members. Avoid horizontal joints, unless joints bear on a horizontal framing member. Taping of the insulation board joints can improve air infiltration.
5. Secure Dow insulation boards using 3/8" head galvanized roofing nails long enough to penetrate framing a minimum of 3/4"; or secure with 1" crown, 16-gauge wire staples long enough to penetrate framing a minimum of 1/2" or preferably 1" head plastic cap nails long enough to penetrate framing at least 3/4". Nail heads or staples should not be over-driven.

Secure the field of the board 16" o.c. and around the perimeter 12" o.c. or as required by the code authority having jurisdiction.

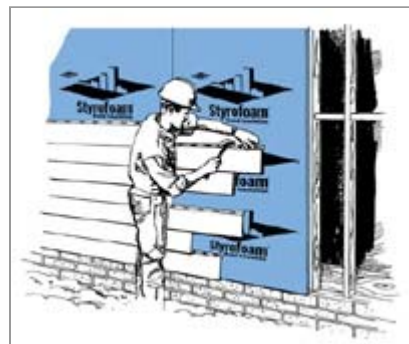
Use a utility knife and straight edge to trim the insulation board to conform to irregular wall angles, projections or wall surfaces less than board width or height.

In stick-built construction, consider using 4' x 9' Dow insulation boards to effectively cover the sill plates, floor/ceiling junctures, band box and headers in one easy application.

Brick, wood, hardboard, aluminum or vinyl sidings are fastened to the wood frame construction through the insulation in accordance with the siding manufacturer's instructions.

Shakes or shingles can also be applied by installing furring strips or a plywood nailer base over the insulation and attaching the shakes or shingles in accordance with the manufacturer's instructions.

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STYROFOAM Extruded Polystyrene Insulation and Dow Polyisocyanurate Insulation

COMBUSTIBLE: Protect from high heat sources. Local building codes may require a protective or thermal barrier. For more information, consult MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400.

Thermax Products

COMBUSTIBLE: THERMAX products should be used only in strict accordance with product application instructions. THERMAX products, when used in a building containing combustible materials, may contribute to the spread of fire. For more information, consult MSDS and/or call Dow at 1-866-583-BLUE (2583). In an emergency, call 1-989-636-4400.

Building and/or construction practices unrelated to insulation could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.

WARNING: THERMAX insulation/finish boards do not constitute a working walkable surface or qualify as a fall protection product.

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