Frame Wall Installation
Hybrid Insulation System

Frame Walls 16" & 24" On-Center

1. Install the desired thickness of spray foam, fiberglass batts, Cellulose, or foam board in accordance with manufacturers specifications. If using spray foam, let cure for 30 minutes.

Install HY-Fi as follows

2. Grasp one side of the HY-Fi insulation with the blue paper facing the applicator (aluminum foil toward the exterior wall).

3. Begin stapling at the top of the framing on one side only until completed to the length of the panel. Staple approximately every 4” to 8”.

4. Cut off the insulation leaving enough length to overlap the horizontal bottom plate.

5. Start again at the top. Grasp the staple tab on the opposite side and pull slightly to expand the material. Staple to the other stud. Use this procedure the entire length of the wall, stapling approximately every 4” to 8”.

6. Staple the top and bottom plates approximately every 4” to 8”.

Note
Where horizontal framing is present (for example, over and under windows) the material can be installed horizontally using the installation guidelines above. (see Diagram A)

Irregular Cavities

Cavities that are narrower than the standard widths

1. Installation of HY-Fi in cavities narrower than the standard widths of 16” and 24” will result in a loss of R-Value. For these cavities, install an additional 1/2” of spray foam, a higher R-Value fiberglass batt, cellulose, or a thicker foam board.

2. Complete steps 2 – 4 above.

3. Start again at the top. Grasp the other side of the insulation and pull over the top of the other stud. Use this procedure the entire length of the wall; pull and staple every 4” to 8”. Cut off any excess material. (see Diagram B)

Cavities that are wider than the standard widths

If the cavity is wider than 24”, install another stud. If the cavity is wider than 16”, use 24” wide material using the steps above.