

ISI BUILDING PRODUCTS®

INSTALLATION GUIDE

INSUL-BARRIER® INSULATED VAPOR BARRIER

Step 1: Apply Viper Double Bond Tape along the foundation at the area of termination. If desired, leave a 3-inch gap (Fig. 1) between the sill plate and termination to allow for termite inspection. Foundation should be free of dust, dirt and debris to facilitate a strong tape bond.

Step 2: For enhanced R-Value, 3/4 inch treated wood, foam board or spray foam furring strips (Fig. 2) can be used to create air space between Insul-Barrier and the wall. Attach furring strips to the foundation wall using concrete fasteners or spray adhesive. Furring strips should be placed on 24" centers and extend from the bottom of the Viper Double Bond Tape to the bottom of the wall.

**If not using furring strips, skip to Step 3.*

Step 3: Attach Insul-Barrier with foil side facing the wall using one of the following methods:

- Viper CS Liner Pins (Fig. 3)
- Treated wood, plastic or rubber termination bar

In either case, fasteners should be installed at minimum 48" centers and should penetrate into the wall through the Viper Double Bond Tape. Refer to fastener manufacturer's depth recommendations for given substrate. Vertical seams should be overlapped a minimum of six inches.

Step 4: Install Insul-Barrier around piers and posts. Use the same attachment method as the wall.

**If using Viper CS or Viper CSX as pier and floor liner, refer to Viper CS install instructions.*

Step 5: Install Insul-Barrier on the floor. Floor liner should overlap wall and pier liner's bottom edge by a minimum of 6". All seams should be taped with Viper Vapor Tape. For extra strength, "double-lock" seams using a course of Viper Double Bond Tape between the overlapping layers (Fig. 4).

Step 6: Seal the top edge of Insul-Barrier using urethane caulk, one component spray foam or Viper Vapor Tape. Any remaining penetrations in the membrane should be taped or sealed with one component spray foam. Also seal around entry door. If entry door is uninsulated, Insul-Barrier can be attached using Viper Double Bond Tape and Viper Vapor Tape.

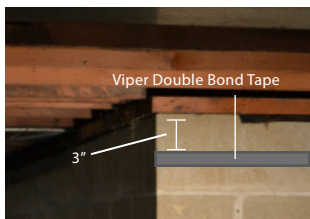


FIGURE 1
Termite Inspection Gap

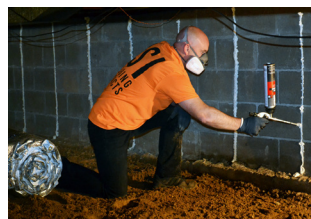


FIGURE 2
3/4" Foam Furring Strips



FIGURE 3
Viper CS Liner Pins

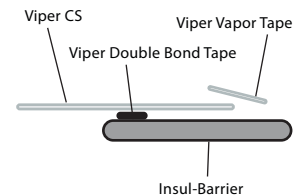


FIGURE 4
Double-Locked Seams

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