

How to Install a Crawlspace Liner

To get started first clean out your crawlspace or cover immovable objects with dirt. Now you are ready to install the vapor barrier. This installation guide is not a guarantee for any work performed, we suggest you contact a professional contractor for expert advice. This is a general outline of how to install a crawlspace liner after you have evaluated and solved your crawl space issues including any water/moisture problems, and prepped your crawlspace for liner installation.

1. **Cut the Vapor Barrier to size.** The vapor barrier liner comes folded and rolled on a core. It is easier to cut and size the liner material before you take it into the crawlspace. After the material is cut to size roll it up (white side on the inside) so when you unroll it in your crawlspace it stays clean.

a. **To cut the Floor Pieces,** measure and cut a piece of vapor barrier liner material wide enough to cover the floor from the wall to the 1st line of piers or support then proceed to measure and cut the remaining floor pieces.

i. **IMPORTANT:** Don't forget to measure enough material to seal an overlap of 6-12 inches on the wall pieces and pieces beside it.

b. **For the Wall,** keep the seams to a minimum by using a 4 ft or 6ft wide vapor barrier, since most crawlspaces are less than 4' tall.

2. **Start with the walls.** To attach the liner, apply the 2 sided butyl tape 4 inches - 6 inches down from the top of the wall or sill plate. (This is to leave a space for pest inspection). *Do not remove the release liner on the exposed side of the tape until you are ready to attach the liner. (It may be easier to first apply the butyl tape to the vapor barrier, and remove the release liner as you are applying it to the wall.) otherwise, remove the release paper from the butyl tape in about 4 feet - 6 feet increments.

3. **Fasten the Liner** with some type of permanent fastener every 24 - 30 inches. The fasteners should go through both the material and the butyl tape. This can be accomplished by one of the following methods:

a. Use a Hilti

b. Use a Ramset Powder Fastener

c. Drill a 5/16" hole and press in our Christmas Tree Ratchet Fasteners

4. **Installing Vapor Barrier on the Floor.** Starting at the piers or support posts, cut and notch the vapor barrier on both sides of the support about 6-12 inches above the ground. Wrap the vapor barrier to fit tightly around the support, and use the 4 inch white Vapor Tape to seal the material.

5. **Smooth the liner out** from the supports to the wall and tape the seams with the 4" White Vapor Tape.

a. Overlap the Seams 6 inches to 12 inches.

b. You may remove your footwear or use disposable shoe covers to keep the vapor barrier liner clean.