

DIY Crawlspace Liner Kit

Includes all the materials for approximately 500 square feet of crawlspace wall and floor. Does not include material for ceiling.

INSTALLATION MANUAL

Dated: January 15, 2019

Document Name: DIY Crawlspace Liner Kit

Part # 0020000027

Page 1 of 4



***** CHECK WITH YOUR LOCAL BUILDING INSPECTOR FOR ANY CODE REQUIREMENTS OR PERMITS BEFORE DOING ANY REPAIRS THAT MAY REQUIRE COMPLYING WITH LOCAL OR STATE LAWS *****

GENERAL OVERVIEW

Thank you for purchasing the DIY Crawlspace Liner Kit. Take the time to read the instructions carefully before beginning to install the kit. We strongly recommend that you keep this instruction manual in a safe place for future reference.

Measure your crawl space length and width and multiply to get the square footage. This kit includes enough material to do approximately a 500 square foot crawlspace (floor and walls, does not include materials to do ceiling). You can also contact us for help figuring out the square footage if your crawlspace is an odd shape. (800-844-2713)

COMPONENTS

Before starting the installation of your DIY Crawlspace Liner Kit make sure you have all the right components for proper installation. NOTE: Does not include Drill.

The following items are included in the box. If parts are missing, contact our customer service at (800) 844-2713

- 10 Mil Woven Crawlspace Liner - 4' x 150'



- 2 Rolls - White Seaming Tape - 4" x 108" each (use on the wall and floor liner to seal seams)



- 4 Rolls - 2-sided Adhesive Tape - 1" x 45' each (use on floor liner in conjunction with seaming tape to provide an airtight seal)



- 4 Tubes - RadonShield (attaches top edge of liner to wall to create an airtight seal)



- Bag of 100 Button Fasteners (use to secure liner to wall creating a smooth, clean finished look)



- 1/4' Concrete Drill Bit (use to drill holes for Button Fasteners) NOTE: Drill not included.



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Page 2 of 4

PREP GROUND/FLOOR

DIRT FLOOR - Clean out all debris, remove old plastic liner (if on floor), tie up loose or hanging cords, clean cobwebs and loose dirt from walls and floor joists and level out the floor as best as possible with a rake.

NOTE: Make sure the top of the sump pit (if in the area to be lined) is the same level as the floor. Trim down if necessary.



CONCRETE FLOOR - Clean out all debris and remove all stored items. Tie up loose or hanging cords, clean cobwebs and loose dirt /dust from walls and floor joists.

WALL INSTALLATION

Roll out the Crawlspace Liner on the floor along one wall. If installing by yourself, you may need to work in sections, 10' to 15' or 20'. This will make it easier to move the liner up onto the foundation wall. Starting from one corner overlap about 1 foot around corner and 6 inches to 1 foot onto floor. Lift the liner up and hold it against the wall. Place the top side of the liner as close to the top of the foundation wall as possible unless the code in your area requires a termite inspection strip (requiring the liner to be installed 2" below the top of the wall).



WALL INSTALLATION CONTINUED



Using the supplied concrete drill bit, drill your first hole (drill hole deep enough to allow pin to insert fully) approx. 2 - 3 inches from the top of the liner and about 6 inches to 1 foot from the foundation corner. Push in Button Fastener (supplied), tap in place with a hammer, if needed. Some diagonal cutting may be necessary at the bottom of the corners to make liner lay flat on floor.



Drill and insert Button Fasteners



Continue drilling and installing pins along the top of the liner and foundation wall about 4 - 5 feet apart. Once the section is secure at top, start drilling and installing pins at the bottom of the foundation wall (approximately 6 inches off the floor or footer) keeping the liner as smooth to the wall as possible. Let the excess liner lay on top of the floor. Over lap about 1 foot when going around corners. Make your corner seams 4 - 6 inches from corners. This makes it easier to apply the White Seaming Tape.

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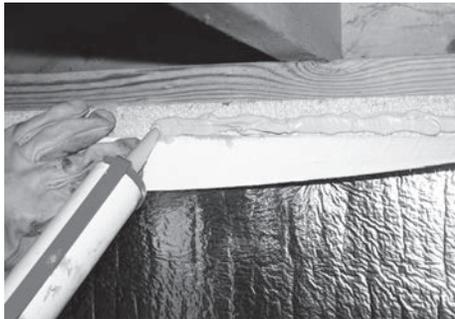
Document Name: DIY Crawlspace Liner Kit

Part # 0020000027

Page 3 of 4

WALL INSTALLATION CONTINUED

After finishing all the walls, you are now ready to apply the RadonShield Sealer along the top, sealing the liner to the wall. Fold down the 2 -3 inches above the top push pins, apply a $\frac{1}{4}$ inch to $\frac{3}{8}$ inch bead of RadonShield Sealer all the way around the top, pressing the liner on to the sealer as you go. Seal down all wall seams with the White Seaming Tape.



Adhere liner to wall with RadonShield

FLOOR INSTALLATION



You are now ready to roll out the liner for the floor. Over-lap on top of the excess wall liner that is laying on the floor approx. 4 - 6 inches from the bottom of the foundation wall. This makes it easier to apply the White Seaming Tape. Roll out the length of the crawlspace floor, cutting around obstacles as needed (see helpful hints section, page 4). Make cuts as close to objects as possible making it easier to seal later. It is easier to tape and seal each row as you go, this prevents the liner from shifting from row to row. Overlap 6 inches on each row of liner you lay down, this gives room to apply the 2-sided Adhesive Tape and finish with the White Seaming Tape, making for a strong airtight seal.

SEALING FLOOR LINER



White Seaming Tape



2-sided Adhesive Tape
(Do not stretch tape while applying)



White Seaming Tape

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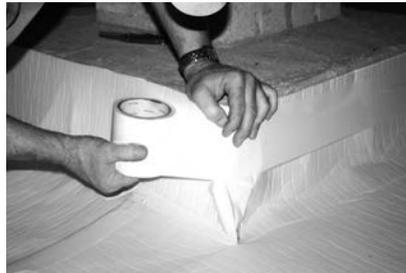
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Page 4 of 4

HELPFUL HINTS

There are several ways to work around objects such as pipes and piers (floor supports), but always make the cuts as close as possible so sealing is easier. Cut the liner around piers so that 6 inches or more is going up the pier. This makes it easier to seal and tape.



Cut liner around piers leaving approximately six inches and seal with White Seaming Tape to secure. The addition of RadonShield around piers is optional.

When working around sump pit discharge pipe or other objects you can put a cut in the liner from one edge of the liner over to where the pipe or object is. This way you do not need to cut the pipe or move the object. Another way (if the sump pump discharge pipe is in the middle of the width of the liner) is to **UNPLUG THE SUMP PUMP**, cut the discharge pipe and position the liner over the sump pit and cut the hole out. Reconnect the discharge pipe with a rubber coupling (not included) After discharge pipe is reconnected plug in the sump pump.

ALWAYS USE CAUTION WHEN UNPLUGGING OR PLUGGING IN ELECTRICAL DEVICES IN WET OR DAMP AREAS! NEVER CUT A PIPE, CORD, CABLE OR OTHER OBJECT IF YOU ARE UNSURE WHAT IT IS OR UNSURE HOW TO REPAIR IT. CHECK WITH A LOCAL CONTRACTOR IF UNSURE OR SIMPLY CUT THE LINER AROUND IT.



NOTES
