

CRAWLSPACE CONDUIT®

1-800-BUSY DOG®

Basement Technologies



The Crawlspace Solution

Dirt crawlspaces are common in many homes and present unique problems for the homeowner. Dirt inside the home transmits humidity, odors and radon gas, providing rodents and insects an easy path into the upper living portions of the home. The humidity and dampness that is inherent in crawlspaces can also cause structural damage to the wood framing, carpets, floors and walls. This environment is a breeding ground for mold and mildew, all of which present a real health concern.

Unfinished crawlspaces are a health hazard, unsightly and a waste of precious storage space. Basement Technologies® seals off crawlspaces by covering the floor and sealing the barrier to the wall in conjunction with the proper ventilation techniques, thus insuring your family's health and well being.



www.1800busydog.com®



Innovative Solutions for Your Crawlspace

The homeowner might consider pouring concrete over the crawlspace floor, but in a post construction setting, this is often unrealistic and impractical.

**The cost effective solution...
Busy Dog Basement Technologies'**

Crawlspace Conduit®

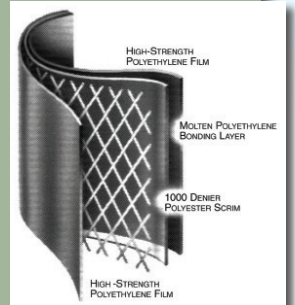
Home airflow mechanics, called the "whole house effect", is the natural airflow which travels towards the roof, creating a suction type effect on the crawl space dirt. This process will cause dampness and humidity to rise into the living space providing rodents and insects an easy path into the upper living portion of the home. The Crawlspace Conduit®, in conjunction with our ventilation techniques, will reduce humidity and possible mold growth throughout the home. It can also help dry up structural wood and framing. Basement Technologies® has designed a solution to the dirt crawlspace problem. The Crawlspace Conduit® will also reduce heating and cooling costs. Our Crawlspace Conduit® is similar to a concrete floor replacement when concrete is unrealistic in a post construction setting. Please ask your Basement Technologies dealer for samples.



Our dedicated professional staff is fully trained and licensed at our National Waterproofing and Crawlspace Training Center - we do not use sub-contractors!

CRAWLSPACE CONDUIT®

Consists of virgin outer layers of white high strength polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation and to provide excellent dimensional stability. A layer of polyester reinforcement placed between these plies greatly enhances tear resistance and increases service life. Crawlspace Conduit®'s II heavy duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.



PROPERTIES	TEST METHOD	CRAWL SPACE CONDUIT® II
Appearance		White/White
Thickness, Nominal		20 mil or 16 mil
Weight per MSF		105 lbs.
Construction		Extrusion laminated with scrim reinforcement
*1" Tensile Strength	ASTM D751	90 lbf.
Elongation at Peak Strength	ASTM D751	25%
Elongation at Break	ASTM D751	900%
*Grab Tensile	ASTM D751	135 lbf.
Puncture Strength	ASTM D4833	39 lbf.
*Trapezoid Tear	ASTM D4533	95 lbf.
Hydrostatic Resistance	ASTM D751	150 psi
Maximum Use Temperature		180°F
Minimum Use Temperature		-70°F
Permeability		
WVTR	ASTM E96 **Method A	0.010 g/100in ² /day
Perm Rating	ASTM E96 **Method A	0.022 U.S. Perms

*Tests are an average of diagonal directions.

**All testing was performed at 73°F and 50% relative humidity.

***“Windows closed and seal all vents to the outside” is the rule!
Install “mechanical” ventilation with the “Bon Aire”.***



Crawlspace Conduit™ and Your Bon Aire™ System

A must for every crawlspace!



Installing the Bon Aire™ humidity control system will help reverse the normal air flow of the whole house effect and bring warmer conditioning air to the crawlspace. Although most of the dampness will be trapped under the vapor barrier, it will be necessary to control the dampness of the air in the crawlspace.

This process, in conjunction with keeping windows and vents closed, will create a healthier, safer environment for your home.

The Air Mop® III

For serious humidity and dampness in conjunction with the Bon Aire™ system, install the Air Mop® III, a heavy duty industrial dehumidifier, to control extensive dampness in the crawlspace and to control moisture and humidity in the air.



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