



Certified Installers/Exclusive Dealers - CA, NV, AZ

## Vapor Barriers

Earth Contact Products (ECP) Crawlspace Vapor Barrier and Encapsulation products are designed to stop water from moving into living spaces and stop ground moisture from rotting wood in crawlspaces. Vapor barriers are a key component to waterproofing basements and crawlspaces.

Keeping crawlspaces clean and dry is very important. We have all seen crawlspaces and most of us do not want to enter them due to the way they look and smell. Most of this is due to the amount of moisture that has collected and is resting in a dark space. Mold grows, insects and rodents hide and mold flourishes. Once a crawlspace is sealed (encapsulated) moisture and humidity levels can be controlled and a clean bright surface is available for storage.



The ECP CSVP products offer an excellent water and water vapor barrier along with superior puncture resistance. This triple-ply, virgin polyethylene membrane is a woven material that will stand up to years of use without tearing or deteriorating. It is white in color to brighten up crawlspaces and make any work done in the space cleaner and easier.

### Benefits of the CSVP System

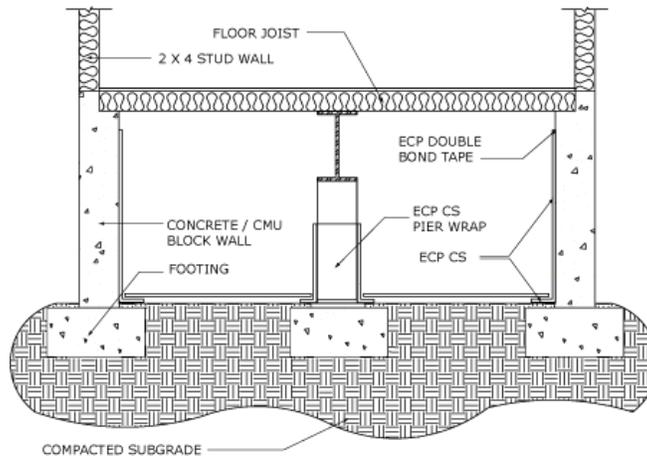
- Improves indoor air quality
- Eliminates excessive mold and moisture
- Reduces radon gas levels
- Reduces Energy Costs
- Seals out rodents and insects
- Protects against wood dry rot
- Protects against mold and mildew
- Increases resale value of home



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PROPERTIES	TEST METHOD	ECP CSVB 10
Test Results - Independent Test Facility		English
Thickness, Nominal		10-mil
Weight Per MSF		36 lbs
Classification	ASTM E 1745	CLASS A, B, C
Tensile Strength (New Material)	ASTM E 154, Sec. 9	136 lbf./in. (MD)
Tensile Strength (After Soaking)	ASTM E 154, Sec. 9	140 lbf./in. (MD)
Tear Strength	ASTM D 751 Tongue	54 lbs. (warp)
Bursting Strength	ASTM D 751 Mullen	318 lbs.
Puncture Resistance	ASTM D 1709	15,839 grams
Puncture Resistance	ASTM D 5602	76 lbs.
Maximum Use Temperature		180° F
Water Vapor Permeance	ASTM E 96 / 154 Sec. 7	.0016 perms

### Crawlspace Waterproofing

Crawlspaces often require more than just vapor barriers to provide a clean and dry environment under a home. Interior and exterior drain systems will move water away from the foundation and can be either daylighted or directed to a sump pump and pit. Interior drainage systems such as the ECP drain pipe provide a consistent path for excessive water to move in and be diverted to a sump pump system which will pump the water well away from the home. Whether using the ECP rigid drain system or the Poly Drain you can be sure that the water will be collected and safely conveyed away from the home.

The ECP Sump Basin is ideally suited for crawlspaces. The unique design will draw water from the soil and when combined with an ECP sump pump system, the water will be pumped away. The ECP Sump Basin comes standard with a clear water tight lid that will keep soil gases and moisture from permeating inside the crawlspace.



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