



## WOVEN 12 MIL VAPOR BARRIER PRODUCT DATA SHEET

### 1. DESCRIPTION

White Cap Woven 12 mil Vapor Barrier is an outstanding vapor retarder and it is used to encapsulate crawl spaces as well as basements to protect the building envelope from moisture vapor and soil gas transmission. White Cap Woven 12 mil Vapor Barrier can be used in systems for the control of soil gases (radon, methane), soil poisons (oil by-products) and sulfates.

### 2. COMPOSITION

White Cap Woven 12 mil Vapor Barrier is a sandwich structure plastic extrusion manufactured with only the highest grade of prime, virgin polyolefin resins.

### 3. INSTALLATION

White Cap Woven 12 mil Vapor Barrier should be installed in accordance with the local applicable building code.

### 4. PREPARATION

Remove debris from crawlspace.



#### PRODUCT ID'S:

WCWW12-12X100WV WCWW12-10X100WV WCWW12-4X200WV

### INSTALLATION

1. Turn White Cap Woven 12 mil Vapor Barrier up the foundation wall to a minimum height of six inches above the outside/exterior grade or in compliance with local building codes and terminate with bars. To form a complete seal, apply White Cap Seam Tape and caulking/ sealant to the foundation wall prior to installing the bar.
2. Seal White Cap Woven 12 mil Vapor Barrier around all penetrations and columns using White Cap Seam Tape.
3. Cover the crawl space floor with White Cap Drainage Matting.
4. Place White Cap Woven 12 mil Vapor Barrier directly over White Cap Drainage Matting. Where consistent with local code, if rigid insulation is to be used, install White Cap Woven 12 mil Vapor Barrier prior to insulation (under insulation and between the foundation wall and insulation).
5. Overlap seams a minimum of six inches and seal with White Cap Seam Tape. Some codes require a minimum of a twelve inch overlap. Check appropriate codes prior to installation.
6. No penetration of the liner is allowed except for reinforcing steel and permanent utilities.
7. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6 inches and taping all sides with tape.

PROPERTY	TEST METHOD	RESULT
Under Slab Vapor	ASTM E 1745	ASTM E1745 compliant
Water Vapor Permeance	ASTM F1249	<0.01 perms
Permeance After Conditioning	ASTM E154	<0.01 perms
Methane Transmission Rate	ASTM D1434	149.0 GTR(ML(STP))/m2* day)
Puncture Resistance	ASTM D4833	198 newtons
Radon Diffusion Coefficient	K124/02/95	8.5 x 10-12 m2/second

**\*NOTE:** Test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specs. All values + 10%. Dry tested conditions.