



# STEGOCRAWL® WRAP 15-MIL VAPOR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00 | VERSION: MAR 29, 2023

## 1. PRODUCT NAME

**STEGOCRAWL WRAP 15-MIL VAPOR BARRIER**

## 2. MANUFACTURER

Stego® Industries, LLC  
 216 Avenida Fabricante, Suite 101  
 San Clemente, CA 92672  
 Sales, Technical Assistance  
 Ph: (877) 464-7834  
 contact@stegoindustries.com  
[stegoindustries.com](http://stegoindustries.com)



## 3. PRODUCT DESCRIPTION

**USES:** StegoCrawl Wrap 15-Mil Vapor Barrier is a high-performance liner used to encapsulate crawl space floors and walls to protect the building envelope from moisture vapor and soil gas transmission. It exceeds building code requirements for a Class I vapor retarder in new or existing residential and commercial crawl space applications.

**COMPOSITION:** StegoCrawl Wrap is a multi-layer plastic extrusion manufactured with only the highest grade of prime, virgin polyolefin resins.

**ENVIRONMENTAL FACTORS:** StegoCrawl Wrap can be used in systems for the control of soil gases (radon, methane), soil poisons (oil by-products) and sulfates.

### FEATURES AND BENEFITS:

- Clean, white color to brighten a crawl space
- Thoughtfully proportioned roll size options for ground cover and perimeter wall
- Lighter weight rolls for ease of installation
- 🌿 Extremely low water vapor barrier permeance
- Increased push-through protection to resist punctures and tears
- Class I Vapor Retarder
- 🌿 Zero VOCs
- Class A Fire Rated
- Life of the Building™ Warranty
- Made in the USA
- No odor



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## 4. TECHNICAL DATA

**TABLE 1: PHYSICAL PROPERTIES OF STEGOCRAWL WRAP 15-MIL VAPOR BARRIER**

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E1745 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	ASTM E1745 compliant
Water Vapor Permeance	ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	< 0.01 perms; Class I
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking ASTM E154 Section 11, F1249 – Permeance after heat conditioning ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	< 0.01 perms
Methane Transmission Rate	ASTM D1434 – Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	*149.0 GTR (mL(STP)/m <sup>2</sup> *day)
Radon Diffusion Coefficient	K124/02/95	8.5 x 10 <sup>-12</sup> m <sup>2</sup> /second
Puncture Resistance	ASTM D4833 – Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products	203.8 newtons
Flame Spread (ASTM E1745 Section 7.4.1)	ASTM E154 Section 16, based on ASTM E84-09b	Class A
Thickness		15 mil
Roll Dimensions	width x length or area: width x length or area:	14' x 100' or 1,400 ft <sup>2</sup> 5' x 200' or 1,000 ft <sup>2</sup>
Roll Weight		Approx. 105 lb or 76 lb respectively

Note: perm unit = grains/(ft<sup>2</sup>\*hr\*in-Hg)  
\*GTR = Gas Transmission Rate

## 5. INSTALLATION

**CRAWL SPACE:** Unroll StegoCrawl Wrap over entire crawl space floor area. Overlap seams a minimum of six inches and seal with StegoCrawl Tape. Some codes require a minimum twelve inch overlap. Check appropriate codes prior to installation. All penetrations and columns should be sealed using StegoCrawl system accessories.

Extend StegoCrawl Wrap up the foundation wall. Seal and fasten to wall using StegoCrawl system accessories. Consult local building codes to determine the height at which to terminate StegoCrawl Wrap.

For additional information, please refer to StegoCrawl's complete installation instructions.

## 6. AVAILABILITY & COST

For cost and local availability of StegoCrawl Tape, please contact your local Stego Industries' Sales Representative. For online ordering, visit: [shop.stegoindustries.com](http://shop.stegoindustries.com)

## 7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on StegoCrawl Wrap. Please see [stegoindustries.com/legal](http://stegoindustries.com/legal)

## 8. MAINTENANCE

Periodically check to ensure seams are secure and damage is repaired using StegoCrawl Accessories.

## 9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

**Email:** [contact@stegoindustries.com](mailto:contact@stegoindustries.com)  
**Contact Number:** (877) 464-7834  
**Website:** [stegoindustries.com](http://stegoindustries.com)

## 10. FILING SYSTEMS: [stegoindustries.com](http://stegoindustries.com)

(877) 464-7834 | [stegoindustries.com](http://stegoindustries.com)

DATA SHEETS ARE SUBJECT TO CHANGE. FOR MOST CURRENT VERSION, VISIT [STEGOINDUSTRIES.COM](http://STEGOINDUSTRIES.COM)

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