



STEGOCRAWL® WRAP 15-MIL VAPOR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00 | VERSION: OCT 31, 2018

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
 www.stegoindustries.com



3. PRODUCT DESCRIPTION

USES: StegoCrawl Wrap 15-Mil Vapor Barrier is a Class I vapor retarder as defined by the 2009 IRC R601.3, and it is used to encapsulate crawl space floors and walls to protect the building envelope from moisture vapor and soil gas transmission.

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.

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
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 ² *day)
Radon Diffusion Coefficient	K124/02/95	8.5 x 10 ⁻¹² m ² /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:
Roll Weight		14' x 100' or 1,400 ft ² 5' x 200' or 1,000 ft ² 100 lb or 69 lb respectively

Note: perm unit = grains/(ft²*hr*in-Hg)

*GTR = Gas Transmission Rate

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Note – legal notice on page 2.

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5. INSTALLATION

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

Install StegoCrawl Wrap up the foundation wall. Fasten and seal using Stego 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 availability of StegoCrawl Wrap, please contact your local Stego Industries' Sales Representative.

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 www.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

Contact Number: (877) 464-7834

Website: www.stegoindustries.com

10. FILING SYSTEMS

- www.stegoindustries.com

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DATA SHEETS ARE SUBJECT TO CHANGE. FOR MOST CURRENT VERSION, VISIT WWW.STEGOINDUSTRIES.COM

