



# STEGOHOME® 15-MIL VAPOR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOR RETARDERS 07 26 00, 03 30 00 | VERSION: JAN, 17 2025



### 1. PRODUCT NAME

**STEGOHOME 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**



### 3. PRODUCT DESCRIPTION

**USES:** StegoHome 15-Mil is used as a below-slab vapor barrier for residential construction.

**COMPOSITION:** StegoHome 15-Mil is a multi-layer plastic extrusion manufactured with only high-grade prime, virgin, polyolefin resins.

**FEATURES AND BENEFITS:**

- First-of-its-kind vapor barrier specifically engineered with new residential construction in mind
- Unlike generic polyethylene sheeting, StegoHome is extremely durable and will last the lifespan of the home
- Lightweight roll and thoughtful size for ease of installation and reduced waste
- Meets the ASTM standards you’ve come to appreciate and trust from Stego Industries
- Life of the Building™ Warranty
- Authenticity markings to ensure you have the product you expect from Stego Industries
- Low permeance helps prevent water vapor from compromising the integrity of the building envelope, leading to serious problems with the concrete slab, floor coverings and indoor air quality
- A high-performance soil-gas retarder component of an effective radon mitigation system

### 4. TECHNICAL DATA

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

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E1745 Class A, B & C – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	Exceeds Class A, B & C
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	<0.01 perms
	ASTM E154 Section 11, F1249 – Permeance after heat conditioning	<0.01 perms
	ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning	<0.01 perms
	ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	<0.01 perms
Radon Diffusion Coefficient	K124/02/95	8.8 x 10 <sup>-12</sup> m <sup>2</sup> /second
Puncture Resistance	ASTM D1709 – Test Method for Impact Resistance of Plastic Film by Free-Falling Dart Method	>2,200 grams
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	>45 lbf/in
Thickness		15 mil
Roll Dimensions	width x length = area:	12' x 50' = 600 ft <sup>2</sup>
Roll Weight		47 lb

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

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Note – legal notice on page 2.

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## 5. INSTALLATION

**UNDER SLAB:** Unroll StegoHome 15-Mil Vapor Barrier over an aggregate, sand or tamped earth base. Overlap all seams a minimum of 6 inches and seal using Stego® Tape or Stego® Crete Claw® Tape. All penetrations must be sealed using a combination of StegoHome 15-Mil Vapor Barrier and Stego Accessories.

For additional information, please refer to the complete StegoHome installation instructions.

## 6. AVAILABILITY & COST

For cost and local availability of StegoHome, please contact your local Stego Sales Representative. For online ordering, please visit: [shop.stegoindustries.com](https://shop.stegoindustries.com)

## 7. WARRANTY

Stego 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 does not guarantee results from the use of the information provided herein. Stego does offer a limited warranty on StegoHome. Please see [stegoindustries.com/legal](https://stegoindustries.com/legal)

## 8. MAINTENANCE

None required.

## 9. TECHNICAL SERVICES

Technical advice and additional information can be obtained by contacting Stego or by visiting the website.

**Email:** [contact@stegoindustries.com](mailto:contact@stegoindustries.com)

**Contact Number:** (877) 464-7834

**Website:** [stegoindustries.com](https://stegoindustries.com)

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

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

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

