



# STEGOHOME® 10-MIL VAPOR RETARDER

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



## 1. PRODUCT NAME

**STEGOHOME 10-MIL VAPOR RETARDER**

## 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



*Lightweight Roll For Residential Applications*

## 3. PRODUCT DESCRIPTION

**USES:** StegoHome 10-Mil is used as a below-slab vapor retarder for residential construction.

**COMPOSITION:** StegoHome 10-Mil is a multi-layer plastic extrusion manufactured with only high-grade prime, virgin, polyolefin resins.

**FEATURES AND BENEFITS:**

- First-of-its-kind vapor retarder 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 size options 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 10-MIL VAPOR RETARDER**

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	<0.0261perms
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	<0.0266 perms <0.0259 perms <0.0252 perms <0.0256 perms
Radon Diffusion Coefficient	K124/02/95	8.0 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	>3,000 grams
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	45 lbf/in
Thickness		10 mil
Roll Dimensions		width x length = area: 6' x 150' = 900 ft <sup>2</sup> 12' x 75' = 900 ft <sup>2</sup> 14' x 105' = 1,470 ft <sup>2</sup>
Roll Weight		6' x 150' = 900 ft <sup>2</sup> and 12' x 75' = 900 ft <sup>2</sup> : 47 lb 14' x 105' = 1,470 ft <sup>2</sup> : 78 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 10-Mil Vapor Retarder 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 10-Mil Vapor Retarder 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](http://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](http://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](http://stegoindustries.com)

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

