



# STEGO™ WRAP VAPOUR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOUR RETARDERS 07 26 00, 03 30 00 | VERSION: 20 JUL 2018

## 1. PRODUCT NAME

STEGO WRAP VAPOUR BARRIER

## 2. MANUFACTURER

Stego Industries, LLC  
 216 Avenida Fabricante, Suite 101  
 San Clemente, CA 92672 USA  
 Sales, Technical Assistance  
 Ph: +1 (877) 464-7834  
 international@stegoindustries.com  
 www.stegoindustries.com



## 3. PRODUCT DESCRIPTION

USES: Stego Wrap Vapour Barrier is used as a below-slab vapour barrier.

COMPOSITION: Stego Wrap Vapour Barrier is a multi-layer plastic extrusion manufactured with only high grade prime, virgin, polyolefin resins.

ENVIRONMENTAL FACTORS: Stego Wrap Vapour Barrier 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 STEGO WRAP VAPOUR BARRIER**

PROPERTY	TEST	RESULTS	
Under Slab Vapour Retarders	ASTM E1745 Class A, B & C- Standard Specification for Water Vapour Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	Exceeds Class A, B & C	
	<b>Permeance Units (perms):</b>	ng/(m <sup>2</sup> *s*Pa)	gr/(ft <sup>2</sup> *hr*in-Hg)
Water Vapour Permeance	ASTM F1249 – Test Method for Water Vapour Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.49	0.0086
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking	0.56	0.0098
	ASTM E154 Section 11, F1249 – Permeance after heat conditioning	0.52	0.0091
	ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning	0.56	0.0097
	ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	0.54	0.0095
Methane Transmission Rate	ASTM D1434 – Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	GTR - 192.8 mL(STP)/m <sup>2</sup> *day	
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	2,266 grams	
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	12.4 kN/m (70.6 lbf/in)	
Thickness		0.38 mm (15 mil)	
Roll Dimensions		width x length:	4.3 m x 42.7 m (14' x 140')
		area:	180 m <sup>2</sup> (1,960 ft <sup>2</sup> )
Roll Weight		63 kg (140 lb)	

Note: GTR = Gas Transmission Rate

# STEGO™ WRAP VAPOUR BARRIER

A STEGO INDUSTRIES, LLC INNOVATION | VAPOUR RETARDERS 07 26 00, 03 30 00 | VERSION: 20 JUL 2018

## 5. INSTALLATION

**UNDER SLAB:** Unroll Stego Wrap Vapour Barrier over an aggregate, sand or tamped earth base. Overlap all seams a minimum of 150 mm (6") and tape using Stego™ Tape or Stego™ Crete Claw™ Tape. All penetrations must be sealed using a combination of Stego Wrap and Stego accessories.

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

## 6. AVAILABILITY & COST

Stego Wrap Vapour Barrier is available through our network of building supply distributors. For current cost information, contact your local Stego Wrap distributor or 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 Stego Wrap. Please see [www.stegoindustries.com/legal](http://www.stegoindustries.com/legal).

## 8. MAINTENANCE

None required.

## 9. TECHNICAL SERVICES

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

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

**Contact Number:** +1 (877) 464-7834

**Website:** [www.stegoindustries.com](http://www.stegoindustries.com)

## 10. FILING SYSTEMS

- [www.stegoindustries.com](http://www.stegoindustries.com)



+1 (877) 464-7834 | [www.stegoindustries.com](http://www.stegoindustries.com)

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