



# DRAGO™ WRAP VAPOUR INTRUSION BARRIER

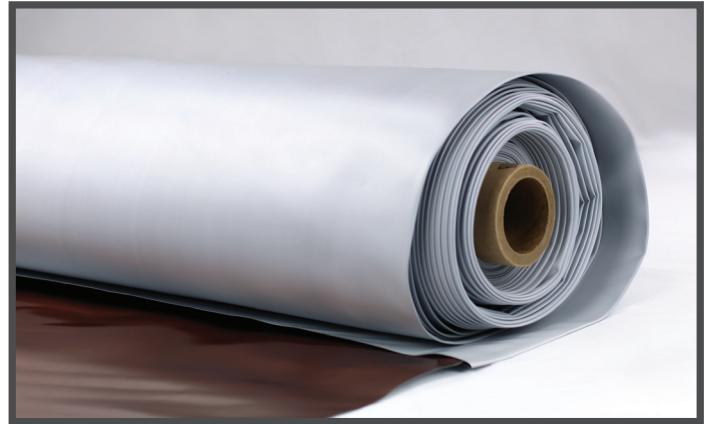
A STEGO TECHNOLOGY, LLC INNOVATION | VAPOUR RETARDERS 07 26 00, 03 30 00 | VERSION: 23 JUN 2017

## 1. PRODUCT NAME

**DRAGO WRAP VAPOUR INTRUSION BARRIER**

## 2. MANUFACTURER

c/o 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:** Drago Wrap is specifically engineered to attenuate volatile organic compounds (VOCs) and serve as a below-slab moisture vapour barrier.

**COMPOSITION:** Drago Wrap is a multi-layered plastic extrusion that combines uniquely designed materials with only high grade, prime, virgin resins.

**ENVIRONMENTAL FACTORS:** Drago Wrap can be used in systems for the control of various VOCs including hydrocarbons, chlorinated solvents, radon, methane, soil poisons, and sulphates.

## 4. TECHNICAL DATA

**TABLE 4.1: PHYSICAL PROPERTIES OF DRAGO WRAP VAPOUR INTRUSION BARRIER**

PROPERTY	TEST	RESULTS	
Under Slab Vapour Retarders	ASTM E1745 – Standard Specification for Water Vapour Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	ASTM E1745 Compliant	
		<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	0.40	0.0069
Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)	ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking	0.42	0.0073
	ASTM E154 Section 11, F1249 – Permeance after heat conditioning	0.40	0.0070
	ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning	0.36	0.0062
	ASTM E154 Section 13, F1249 – Permeance after soil organism exposure	0.47	0.0081
Hydrocarbon Attenuation Factors	Contact Stego Industries' Technical Department		
Chlorinated Solvent Attenuation Factors	Contact Stego Industries' Technical Department		
Methane Transmission Rate	ASTM D1434 – Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	GTR - 7.0 (mL(STP)/m <sup>2</sup> *day)	
Radon Diffusion Coefficient	K124/02/95	9.8 x 10 <sup>-14</sup> m <sup>2</sup> /second	
Push-Through Puncture	ASTM D4833 – Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products	183.9 Newtons	
Tensile Strength	ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting	9.37 kN/m (53.5 lbf/in)	
Thickness		0.50 mm (20 mil)	
Roll Dimensions		width x length:	4.3 m x 32.0 m (14' x 105')
		area:	136 m <sup>2</sup> (1,470 ft <sup>2</sup> )
Roll Weight		68 kg (150 lb)	

Note: GTR = Gas Transmission Rate

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Note – legal notice on page 2.

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## 5. INSTALLATION

**UNDER SLAB:** Unroll Drago Wrap over a tamped aggregate, sand, or earth base. Overlap all seams a minimum of 300 mm (12") and tape using Drago™ Tape. All penetrations must be sealed using a combination of Drago Wrap and Drago Accessories.

Review Drago Wrap's complete installation instructions prior to installation.

## 6. AVAILABILITY & COST

Drago Wrap is available through our network of building supply distributors. For current cost information, contact your local Drago 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 and disclaims all liability from any loss or damage. Stego Technology, LLC does offer a limited warranty on Drago Wrap. Please see [www.stegoindustries.com/legal](http://www.stegoindustries.com/legal).

## 8. MAINTENANCE

Store Drago Wrap in a dry and temperate area.

## 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)
- Buildsite

+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)

