1. **PRODUCT NAME**

STEGO WRAP 10-MIL CLASS C VAPOUR RETARDER

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 Class C is used as an exceptional vapour retarder.

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

ENVIRONMENTAL FACTORS: Stego Wrap Class C can be used in systems for the control of soil gases (radon, methane), soil poisons (oil by-products) and sulphates.

4. **TECHNICAL DATA**

**TABLE 1: PHYSICAL PROPERTIES OF STEGO WRAP 10-MIL CLASS C VAPOUR RETARDER**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under Slab Vapour Retarders</td>
<td>ASTM E1745 Class A, B &amp; C – Standard Specification for Water Vapour Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs</td>
<td>Exceeds Class C</td>
</tr>
<tr>
<td></td>
<td>Permeance Units (perms): ng/(m²·s·Pa)</td>
<td>1.20</td>
</tr>
<tr>
<td></td>
<td>gr/(ft²·hr·in-Hg)</td>
<td>0.0209</td>
</tr>
<tr>
<td>Water Vapour Permeance</td>
<td>ASTM F1249 – Test Method for Water Vapour Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor</td>
<td>1.20</td>
</tr>
<tr>
<td>Permeance After Conditioning</td>
<td>ASTM E154 Section 8, F1249 – Permeance after wetting, drying, and soaking</td>
<td>1.29</td>
</tr>
<tr>
<td>(ASTM E1745 Sections 7.1.2 - 7.1.5)</td>
<td>ASTM E154 Section 11, F1249 – Permeance after heat conditioning</td>
<td>1.27</td>
</tr>
<tr>
<td></td>
<td>ASTM E154 Section 12, F1249 – Permeance after low temperature conditioning</td>
<td>1.22</td>
</tr>
<tr>
<td></td>
<td>ASTM E154 Section 13, F1249 – Permeance after soil organism exposure</td>
<td>1.23</td>
</tr>
<tr>
<td>Puncture Resistance</td>
<td>ASTM D1709 – Test Method for Impact Resistance of Plastic Film by Free-Falling Dart Method</td>
<td>1,286 grams</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting</td>
<td>8.6 kN/m (49.2 lbf/in)</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.25 mm (10 mil)</td>
<td></td>
</tr>
<tr>
<td>Roll Dimensions</td>
<td>width x length: 4.3 m x 64 m (14’ x 210’)</td>
<td>273 m² (2,940 ft²)</td>
</tr>
<tr>
<td>Roll Weight</td>
<td>63 kg (140 lb)</td>
<td></td>
</tr>
</tbody>
</table>
5. INSTALLATION

UNDER SLAB: Unroll Stego Wrap Class C 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 Class C and Stego accessories.

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

6. AVAILABILITY & COST

Stego Wrap Class C 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.

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
Contact Number: +1 (877) 464-7834
Website: www.stegoindustries.com

10. FILING SYSTEMS

- www.stegoindustries.com