1. **Product**

Maxxon® Moistop

2. **Manufacturer**

Maxxon® Corporation
920 Hamel Road
P.O. Box 253
Hamel, MN  55340
Phone:  763-478-9600
Fax:  763-478-9695

3. **Product Description**

**Basic Use:** Moistop is an effective moisture retarder designed for old wood frame construction to stop the migration of moisture from Maxxon Underlayment into the wood subfloor and to protect moisture-sensitive building products.

**Composition & Materials:** Moistop is a fiberglass reinforced membrane coated on both sides with polyethylene. Moistop is supplied in three roll sizes:
- 2,000 sq. ft. rolls (8’ x 250’); weight is approximately 4.2 lbs/100 sq. ft. Roll weight is 84 lbs
- 1,000 sq. ft. rolls (4’ x 250’); weight is approximately 9.2 lbs/100 sq. ft. Roll weight is 42 lbs
- 88.33 sq. ft. rolls (8” x 125’); weight is approximately 4.2 lbs/100 sq. ft. Roll weight is 3.5 lbs

**Applicable Standards:**
- ASTM D828-93 Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
- ASTM E 96-95 Water Vapor Transmission of Materials
- ASTM F-1249-90 Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor

4. **Technical Data**

Moistop is tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests. Meets Federal Specification UU-B-790a Type 1, Grade A, Style 4.

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>RESULTS</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Vapor Permeance</td>
<td>&lt; 0.30 perms</td>
<td>ASTM E-96 (Method B) ASTM F-1249</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>48 hours</td>
<td>ASTM D-779</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>MD – 71 lbs/inch CD – 41 lbs/inch</td>
<td>ASTM D-828</td>
</tr>
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</table>

5a. **Installation (4’ or 8’ rolls)**

Roll out Moistop across the entire wood subfloor overlapping joints approximately 6”. Secure Moistop using a frequency of staples to adequately pull the Moistop tight to the wood subfloor. Overlap must be stapled every 4”- 6” to maintain a tight seam. Floor penetrations should be filled or caulked.

Maxxon Underlayment is applied 1 1/4” minimum over Moistop without reinforcement. For underlayment pours of 3/4” (minimum) up to 1 1/4”, galvanized metal lath (1.75, 2.5 or 3.4 lbs/sq. yd.), Maxxon Crack Suppression Mat (CSM), or Maxxon Reinforcement (MR) must be laid across the entire floor, overlapped and stapled through Moistop to the wood subfloor.

5b. **Installation (8” rolls)**

If the wall to floor intersection requires a moisture retarding membrane, the 8” wide rolls of Moistop can be coved from the floor up the wall. Secure approximately 4” on the subfloor and 4” up the wall by mechanically attaching using staples. Overlap Moistop joints approximately 4-6”; this application requires a minimum 3/4” Maxxon Underlayment.

Building interior for all installation types should be enclosed and maintained at a temperature above 50 °F (10 °C) until structure and subfloor temperatures are stabilized. The subfloor must be broom clean before installing Moistop.

6. **Availability**

Moistop is available from authorized dealers throughout the United States, Canada and Mexico. Maxxon Corporation warrants Moistop to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of Moistop.

Because Maxxon Corporation does not perform the actual installation, it cannot be held responsible for the results of the application. Maxxon Corporation specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

The warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Maxxon Corporation’s part. Maxxon Corporation neither assumes nor authorizes any person to assume for Maxxon Corporation any liability in connection with the sale and installation of Moistop.

8. **Technical Services**

Technical performance verification and service is available through Maxxon Corporation or Maxxon Regional Representatives.

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**Table 1 – Typical Properties**

Another Superior Product from Maxxon® Corporation

**MAXXON® MOISTOP**

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