## BUILDING PRODUCTS LISTING PROGRAM

**Customer:** Warrior Roofing Manufacturing Inc.  
**Class:** Roofing Underlayments  
**Location:** Tuscaloosa, AL  
**Website:** [https://warriorroofing.com/](https://warriorroofing.com/)

**Listing No.** B1130-1  
**Effective Date:** December 7, 2021  
**Last Revised Date:** No Revisions to Date  
**Expires:** N/A

**Standards:**

**Product:** Elephant Skin Synthetic Underlayment Products.

**Markings:** Listed products are identified with a label bearing the following information:
- a) Product Identification
- b) Company name, logo, address
- c) Product name
- d) QAI file Number: B1130-1
- e) Information for traceability
- f) Roll length and width
- g) QAI logo shown here:

![QAI logo](https://www.qai.org)

**Ratings:** The following outlines physical properties of QAI certified Elephant Skin
products:

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>TEST METHOD</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D226/D226M¹</td>
<td>Type II</td>
<td></td>
</tr>
<tr>
<td>ASTM D4533/4533M Tear Strength</td>
<td>Minimum 15 lbf</td>
<td></td>
</tr>
<tr>
<td>ASTM D5035 Tensile Strength</td>
<td>Minimum 20 lbf/inch</td>
<td></td>
</tr>
<tr>
<td>ASTM D4869/D4869M Liquid Water Transmission</td>
<td>Compliant</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: ASTM D226/D226M outlines specifications for asphalt-impregnated organic felt materials. Elephant Skin high performance non-asphalt underlayment products in this table were tested and found to comply with the performance specifications outlined in ASTM D226 as an alternate to Type II.

The following outlines roof fire classifications of QAI certified Elephant Skin synthetic underlayment products:

**Elephant Skin Synthetic Underlayment – Roof Fire Classifications (No Slope Limitations)**

<table>
<thead>
<tr>
<th>SHEATHING</th>
<th>UNDERLAYERMENT</th>
<th>ROOF COVERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 15/32” Exposure 1 Plywood</td>
<td>Elephant Skin Minimum single layer mechanically fastened with overlaps per manufacturer’s installation instructions.</td>
<td>One layer of Class A listed* three-tab asphalt roof shingles, or equivalent, complying with ASTM D3018, and having a minimum installed weight of 180 pounds per 100 ft² (9.28 kg/m²), installed per the manufacturer’s installation instructions.</td>
</tr>
</tbody>
</table>

* Note 1: Asphalt Shingles are listed Class A components of a listed roof deck assembly by an Approved Agency. The third party program in which products are certified, carry a label, and are listed in the directory of an agency accredited by the International Accreditation Service, Inc. (IAS), or by an accredited body that is a partner with IAS in a mutual recognition arrangement, pertaining to certification bodies and their compliance with ISO/IEC Guide 65, General Requirements for Bodies Operating Product Certification Systems. The asphalt shingle components are to meet Class A Classification when tested to ASTM E108 or UL 790.

Notes: The product must be installed in accordance with the code enforced by the authority having jurisdiction. Final acceptance of the product in the final installation is subject to inspection by the authority having jurisdiction.
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