This evaluation report covers the Gorilla Deck® G3 decking board. The plant location shown above has an approved Quality Control Manual to manufacture the product. Homeland Vinyl Products, Inc. has a Product Evaluation Service Agreement with Pei Evaluation Service (Pei ES) and a Follow-up Inspection Service Agreement with Progressive Engineering Inc. (Pei). The plant location shown above shall be audited quarterly by Pei.

Product Description
The Gorilla Deck® G3 decking boards are manufactured with a four chamber hollow co-extruded rigid polyvinyl chloride (PVC) profile. The deck boards are manufactured with a continuous screw flange running the length of the board for attachment and utilize an interlocking system. The interlocking flange of the board has raised ribs running parallel the length of the board, which interlock when boards are connected. See Figure 1 for the Gorilla Deck® G3 profile. The boards are intended for exterior use as a walking deck plank and used in conjunction with a starter strip, splice trim and edge trim components. Deck boards are available in lengths of 16-ft, 20-ft and 24-ft and measure a nominal size of 1-1/4-in thickness x 6-in wide. Available colors can be seen in Table 1 and Figure 6 of this evaluation report.

General Product Use
1. The Gorilla Deck® G3 boards shall be installed in accordance with Homeland Vinyl Products Installation Instructions.
2. All Construction, wood framing, beams, joist, stringers and associated connections needed to support the Gorilla Deck® G3 boards are outside the scope of this PER. All construction shall follow applicable codes and are subject to approval by the building official.
3. Deck boards are intended for exterior use applications on structures regulated by the 2012, 2015 & 2018 IRC or Type VB construction in accordance with the 2012, 2015 & 2018 IBC. Deck boards may be used on balconies and similar projections on buildings of Type III IV and V construction where fire sprinkler protection is extended into these areas in accordance with 2012, 2015 & 2018 IBC Section 1406.3, Exception 3 or 2018 IBC 705.2.3.1, Exception 3
4. The Gorilla Deck® G3 boards have been evaluated to the design rating and requirements of Table 1 of this evaluation report.

Code and Standard Compliance

<table>
<thead>
<tr>
<th>International Residential Code®</th>
<th>International Building Code®</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>2015</td>
</tr>
<tr>
<td>Section R507.3</td>
<td>Section R507.3</td>
</tr>
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<td></td>
<td>Section 104.11</td>
</tr>
<tr>
<td></td>
<td>Table 1607.1</td>
</tr>
</tbody>
</table>

Meets 2006 Ontario Building Code as defined in Division A Section 2.2 Table 2.2.1.1 Category OS2.
AAMA 306-01 - PVC Exterior Plank Profiles Used for Decking and Dock Walking Surfaces
ASTM E84-03 - Test Methods for Surface Burning Characteristics of Building Materials
Flame Spread Index: 15 and Smoke Developed Index: 885
# Table 1 - Gorilla Deck® G3 Design Span and Wind Uplift Rating

<table>
<thead>
<tr>
<th>Approved Colors</th>
<th>Fastener System</th>
<th>Maximum Stair Tread Span(^1)</th>
<th>Maximum Deck Board Span</th>
<th>Deck Board Load Rating (psf)</th>
<th>Design Wind Uplift(^2) (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>#8 x 1-1/2-in Stainless Steel Pan-Head Screw at each joist support</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>100</td>
<td>44</td>
</tr>
<tr>
<td>Tan</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Adobe</td>
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<td></td>
</tr>
<tr>
<td>Mocha Walnut</td>
<td></td>
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</tr>
</tbody>
</table>

**Notes:**
1. A minimum two-span condition is required when deck boards are installed for a stair tread application.
2. Design Wind Uplift is based on a tested value with a 3.0 factor of safety.

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**Figure 1 - Gorilla Deck® G3 Profile**

**Figure 2 - Starter Strip Profile**

**Figure 3 - Splice Trim Profile**

**Figure 4 - Finish Trim Profile**

**Figure 5 - Fascia Trim Profile**
**Product Labeling**

Each deck board shipment, that is covered by this **Product Evaluation Report**, must have a label attached with at least the following information:

1. Homeland Vinyl Products, Inc. Name and Address
2. Product Name
3. Plant Identifier and Date Code
4. This **PER** Number and **Pei ES** Logo

**Acceptable Evaluation Marks**

![Pei ES](image)

**Product Documentation**

A Product Evaluation Service Agreement between **Pei Evaluation Service** and Homeland Vinyl Products, Inc.
A Follow-up Inspection Service Agreement between **Progressive Engineering Inc.** and Homeland Vinyl Products, Inc.

**Gorilla Deck® G3** Installation Guidelines - Dated: 7/10/2018
SDS for Extruded PVC Profiles - Dated: 3/11/2019
Test Report No. 01.10932.01.138b - Performance Report for Exterior Walking Deck Plank in accordance with ASTM E84-03 - Dated: 5/6/2005