**TEST REPORT**

**DATE:** 06-24-2022

**CLIENT**

Urban Surfaces

**TEST METHOD CONDUCTED**

NALFA 3.10 Surface Bond of Laminate Flooring per NALFA Standards Publication LF 01-2008

**DESCRIPTION OF TEST SAMPLE**

| IDENTIFICATION | 4001 Camden |
| LOT NUMBER     | Batch: 220131-10981 |
| CONSTRUCTION   | Laminate Flooring |

**SCOPE**

This test measures the force required to delaminate or split away the surface of laminate flooring plank or tile.

**PROCEDURE**

Four test specimens selected from different planks are cut 50 mm x 50 mm (2 inch x 2 inch) nominal size. A circular groove is cut into the specimens decorative face 0.0 – 0.3 mm (0.12 inch) resulting in a raised circular test area having a 35.7 ± 2 mm (1.4 inch ± 0.1 inch) diameter. A heated steel pad is glued to the center of the test specimen with hot melt adhesive and when cool is ready for testing.

The pad with adhered specimen is placed in a tensile tester fixture. Using the tensile tester, a constant speed of 0.1 feet/second is applied until delamination occurs.

**TEST RESULTS**

| AVERAGE SURFACE BOND | 1.04 N/mm² |

* Meets NALFA specified criteria for usage Levels 1.

<table>
<thead>
<tr>
<th>Class 1 RESIDENTIAL</th>
<th>Class 2 LIGHT COMMERCIAL</th>
<th>Class 3 COMMERCIAL</th>
<th>Class 4 HEAVY COMMERCIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 N/mm²</td>
<td>1.25 N/mm²</td>
<td>1.25 N/mm²</td>
<td>1.5 N/mm²</td>
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</tbody>
</table>

**APPROVED BY:**

[Signature]

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