**Model/ Series:**

LM SAHARA NOIR UP

**Size:**
All Sizes

**Colors:**
All Colors Available

**Type:**
GLAZED PORCELAIN

**Application:**
INDOOR

**Thickness:**
7 mm

**Number of faces:**
12 (24x48) / 6 (48x48)

**Recycled Content:**
9%  *Pre-Consumer

**Technical Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Test</th>
<th>ISO Test</th>
<th>Value Required ANSI</th>
<th>Declared ASTM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption</td>
<td>C373</td>
<td>ISO-10545/3</td>
<td>&lt;=0.5%</td>
<td>&lt;=0.5%</td>
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<tr>
<td>Break Strength</td>
<td>C648</td>
<td>ISO-10545/4</td>
<td>&gt; 250</td>
<td>Min. 200</td>
</tr>
<tr>
<td>Scratch Hardness</td>
<td>MOH's Scale</td>
<td>EN-101</td>
<td>-</td>
<td>5</td>
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<tr>
<td>Chemical Resistance</td>
<td>C650</td>
<td>ISO-10545/13</td>
<td>Unaffected</td>
<td>Unaffected</td>
</tr>
<tr>
<td>Frost Resistance</td>
<td>C1026</td>
<td>ISO-10545/12</td>
<td>Resistant</td>
<td>Resistant</td>
</tr>
<tr>
<td>Group</td>
<td>SEE FAQS</td>
<td>SEE FAQS</td>
<td>-</td>
<td>4</td>
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<tr>
<td>Deep Abrasion - Unglazed Tiles</td>
<td>C1243</td>
<td>ISO-10545/6</td>
<td>&lt;175 mm³</td>
<td>-</td>
</tr>
<tr>
<td>PEI - Glazed Tiles***</td>
<td>C1027</td>
<td>ISO-10545/7</td>
<td>&gt;=50 psi</td>
<td>165</td>
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<tr>
<td>Minimum Bond Strength (PSI)</td>
<td>C482</td>
<td>ISO-10545/7</td>
<td>&gt;0.42</td>
<td>&lt;0.40</td>
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<tr>
<td>Dynamic Coefficient of Friction (DCOF)</td>
<td>A137.1</td>
<td>-</td>
<td>&gt;=0.42</td>
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<tr>
<td>Shade and Texture Rating</td>
<td>CTDA &quot;V&quot;</td>
<td>-</td>
<td>-</td>
<td>V3</td>
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<tr>
<td>Facial Dimensions</td>
<td>C499</td>
<td>ISO-10545/2</td>
<td>1.5% Max</td>
<td>Pass</td>
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<tr>
<td>Range of Thickness</td>
<td>C499</td>
<td>ISO-10545/2</td>
<td>0.040 Max</td>
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</tr>
<tr>
<td>Warpage</td>
<td>C485</td>
<td>ISO-10545/2</td>
<td>0.75%</td>
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</tr>
<tr>
<td>Wedging</td>
<td>C502</td>
<td>ISO-10545/2</td>
<td>1.0% Max</td>
<td>Pass</td>
</tr>
</tbody>
</table>

**Signature:**
Quality Management Manager

**Release Date:**
3/19/2020