TEST REQUESTED BY:  Arto Brick California Pavers


Informal Test Method Description:  This test method is designed to measure the resistance of tile surfaces to visible surface abrasion. Certain irregular surfaces may not be evaluated properly by this test method because of wear patterns. The abrasion resistance of tile surfaces is determined by rotation of an abrasive load on the surface and the assessment of the resultant wear by means of visual comparison of the abraded test specimens and non-abraded tiles.

This summary is provided for the reader’s convenience and is not a complete description of the method. See ASTM C1027 for all method details and information.

TEST SUBJECT MATERIAL:  Identified by client as: “Monrovia Spanish Brown (Spanish Brown 1-16)”

Approximate Size as Received:  4” x 4”


TEST PROCEDURE:

- Sample prep: None
- A Gabbrielli Abrasimeter W1 was used to abrade the tile.
- 10% Hydrochloric acid was used to remove any metal oxide staining.

TEST RESULTS:

There was apparent visual difference in gloss or color after 600 revolutions when viewed in the viewing box by more than one technician. Thus, in accordance with the test procedure, the subject tile is given a Class 2 rating.

COMMENTS:  None
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ANSI SPECIFICATIONS*:

<table>
<thead>
<tr>
<th>ANSI standard</th>
<th>Class</th>
<th>Maximum Recommended Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 0</td>
<td>Not Recommended for Floors</td>
</tr>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 1</td>
<td>Light Residential</td>
</tr>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 2</td>
<td>Residential</td>
</tr>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 3</td>
<td>Heavy Residential or Light Commercial</td>
</tr>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 4</td>
<td>Commercial</td>
</tr>
<tr>
<td>ANSI A137.1/A137.2</td>
<td>Class 5</td>
<td>Heavy Commercial</td>
</tr>
</tbody>
</table>

*For more detailed information, refer to ANSI A137.1 Specifications for Ceramic Tile or ANSI A137.2 Specifications for Glass Tile