SMITH-EMERY LABORATORIES

An Independent Commercial Testing Laboratory

781 E. Washington Boulevard, Los Angeles, California 90021  (213) 745-3333  Fax (213) 749-7232

Proj./Job No.: 43208-1
Lab. No.: L-15-1916b

Client: Attn.: Ronnie Tabibnia
Tile Tech Inc.
4730 E 26th St.
Vernon, CA 90058

Subject: 23-1/2" x 23-1/2" x 1-1/2" Wood Tiles
Test Method: Uniform Load Test on IPE Wood Tiles
Specification: CISCA, Recommended Test Procedures for Access Floor, 2007
Source: Submitted to Laboratory by Client.

December 11, 2015

Report of Tests

UNIFORM LOAD BREAKING STRENGTH
Each sample was conditioned and placed according to client instructions on approx. 24 inches height pedestals located at each of the four sample corners. The testing machine was a Baldwin UTM with 440 Kip load capacity. Load was applied through a 24-in by 24-in by 3/4-in plate underplayed by an air-bag to equally distribute the force at a rate ranged from 50 to 150 lbs. per second until failure. Photos and graphs are included in pages 2 and 3. Results are as follows:

Table 1 - Summary of Uniform Wood TileTech Test

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Load at 0.067-in deflection, lbs.</th>
<th>Maximum Load, lbs.</th>
<th>Maximum Deflection, in.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2-1</td>
<td>280</td>
<td>15,040</td>
<td>1.44</td>
<td>Two Pedestal failed at max load.</td>
</tr>
<tr>
<td>S2-2</td>
<td>157</td>
<td>15,528</td>
<td>1.60</td>
<td>Two Pedestal failed at max load.</td>
</tr>
<tr>
<td>S2-3</td>
<td>238</td>
<td>15,213</td>
<td>1.44</td>
<td>Two Pedestal failed at max load.</td>
</tr>
<tr>
<td><strong>Average:</strong></td>
<td><strong>225</strong></td>
<td><strong>15,260</strong></td>
<td><strong>1.49</strong></td>
<td></td>
</tr>
</tbody>
</table>

Note: Based on allowable deflection of L/360 for 24-in span length.

Respectfully Submitted,

SMITH-EMERY LABORATORIES

G. Janet Quintero
Registered Civil Engineer No: C73066
Registration Expires: 12-31-16

□ Materials Tested Comply With Specifications.
□ Materials Tested Did Not Comply With Specifications.
□ No Established Criteria for Acceptable Limits.
□ For Information Only.

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Photo No.1 General Test Setup

Photo No.2 Typical Failed Sample
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Uniform Test - Sample S2-1
Load versus Deflection

Uniform Test - Sample S2-2
Load versus Deflection

Uniform Test - Sample S2-3
Load versus Deflection

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