National Distribution 888-380-5575

UNIFORM LOAD - ASTM-XXXX



SMITH-EMERY LABORATORIES

An Independent Commercial Testing Laboratory

781 E. Washington Boulevard, Los Angeles, California 90021 🍫 (213) 745-5333 🧇 Fax (213) 749-7232

Proj./Job No.: 43208-1

December 11, 2015

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,

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

Sample No.	Load at 0.067-in deflection, lbs.	Maximum Load, lbs.	Maximum Deflection, in.	Remarks
S2-1	280	15,040	1.44	Two Pedestal failed at max load.
S2-2	157	15,528	1.60	Two Pedestal failed at max load.
S2-3	238	15,213	1.44	Two Pedestal failed at max load.
Average:	225	15,260	1.49	

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

Respectfully Submitted,

SMITH-EMERY LABORATORIES

☐ Materials Tested Comply With Specifications.

☐ Materials Tested Did Not Comply With Specifications.

☐ No Established Criteria for Acceptable Limits.

For Information Only.

G. Janeth Ouintero

Registered Civil Engineer No. C73066

Registration Expires: 12-31-16

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FXP 12-31-2016

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Photo No.1 General Test Setup





Photo No.2 Typical Failed Sample

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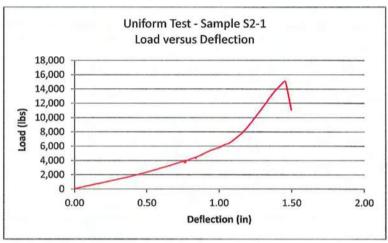
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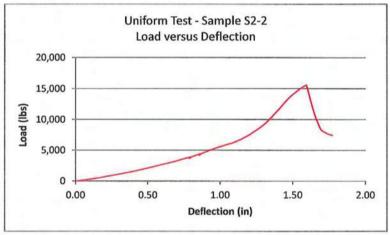
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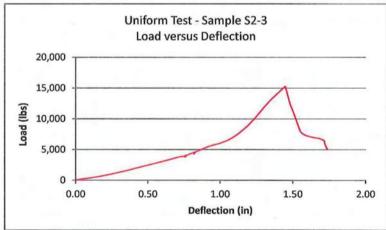
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