



TESTING SERVICES, INC.
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TEST REPORT

CLIENT:	Flooring Liquidators	REPORT NUMBER:	64009A1
	736 Mariposa Road, Suite F	LAB TEST NUMBER:	2710-3528
	Modesto, CA 95354	DATE:	June 5, 2015
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Test Material:

Turf Identification	Tough Turf
Infill System	2.5 lbs/ft ² 20/40 Silica Sand

Subject: Testing Services Inc was instructed by the client to perform a procedure for measuring the critical radiant flux of horizontally mounted floor-covering systems exposed to a flaming ignition source in a graded radiant heat energy environment in a test chamber.

Test Method: *Local Law 16 of the City of New York
 ASTM E648-10e1: Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source*

Test Scope: Carpets and carpet assemblies were tested by the method for critical radiant flux in accordance with Local Law 16 of the City of New York. The time frame for conducting such test was recorded at the 15 minute time mark after flame application.

Pre-Test:
Mounting Board: Astone Fabricators Inc. (AFI) Tunnel Board Z Calcium Silicate Board
Adhesive: Taylor 900 Workhorse, Multi-Purpose
Trowel: 1/8" X 1/8" X 1/8"
Conditioning: Minimum 96 hrs @ 70°F 50% RH

Criteria:
 Installation on Floors of Corridors: Minimum: 0.50 W/cm²
 Installation on Floors of General Area: Minimum: 0.40 W/cm²

Test Data:

Specimen	Time	Distance	Critical Radiant Flux
#1	15.0 min	15.5 cm	1.00 W/cm ²
#2	15.0 min	10.0 cm	1.02 W/cm ²
#3	15.0 min	12.5 cm	1.02 W/cm ²

Average Critical Radiant Flux @ 15 Minutes
1.02 W/cm ²

Approved By:

Erle Miles, Jr V.P., Testing Services Inc

TSI Accreditation:

Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is NVLAP 100108-0. However, it should be noted that some or all of the tests performed are not under our scope of accreditation due to the work not fully conforming to the standard, or it being outside the scope of our accreditation, or subcontracted. The above testing was under our scope of accreditation.

Uncertainty:

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information to us using the latest test methods available.