



TEST REPORT

CLIENT:	Flooring Liquidators	REPORT NUMBER:	64009A
	736 Mariposa Road, Suite F	LAB TEST NUMBER:	2710-3528
	Modesto, CA 95354	DATE:	June 5, 2015
		PAGE:	1 of 1

Test Material:

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

Test Scope:

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. This fire test standard is designed to provide a basis for estimating one aspect of the fire exposure behavior of a floor-covering system installed in a building corridor.

Test Method:

ASTM E648-10e1: Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source

Specimens of the sample were tested for critical radiant flux in accordance with ASTM Test Method E-648, NFPA 253 and FTM Standard 372. The value reported is the average of three specimens, reported as Critical Radiant Flux in units of watts per centimeter squared (W/cm²).

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" V Notch
Conditioning: Minimum 96 hrs @ 70°F 50% RH

Classifications:

NFPA: Class I= 0.45 W/cm² or higher
 Class II = 0.22 – 0.44 W/cm²
 No Classification= <0.21 W/cm²

Test Data:

Calibration Curve: 338R Radiometer #: 5356

Specimen	Time	Distance	Critical Radiant Flux
#1	38.6 min	33.7 cm	0.61 W/cm ²
#2	39.0 min	32.9 cm	0.62 W/cm ²
#3	31.3 min	31.0 cm	0.66 W/cm ²
Standard Deviation: 0.03 Coefficient of Variation: 4.52 %			

Average Critical Radiant Flux	NFPA Classification
0.63 W/cm ²	I

Approved By:

Erle Miles, Jr. VP, 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.