



TEST REPORT

CLIENT:	MNY Group, LLC	REPORT NUMBER:	55544C
	7809 Southtown Center #173	LAB TEST NUMBER:	2456-2910
	Bloomington, MN 55431	DATE:	August 3, 2012

TEST MATERIAL:

Identification
LifeFloor

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.

SCOPE OF TEST: 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: Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source*

TEST INFORMATION: 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: LifeFix
Trowel: 1/16" X 1/16" x 1/16"
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:

Specimen	Time	Distance	Critical Radiant Flux
#1	39 min	29.3 cm	0.72 W/cm ²
#2	40 min	31.8 cm	0.67 W/cm ²
#3	38 min	31.0 cm	0.68 W/cm ²
Standard Deviation: 0.03 Coefficient of Variation: 3.77%			

TEST RESULTS:

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

Approved By:

 Erle Miles, Jr. VP
 Testing Services Inc