



TEST REPORT

UL94-2013 Test for Flammability of Plastic Materials For Parts in Devices and Appliances; Horizontal Burning Test for Classifying Materials (UL 94HB)

Client: Everblock Systems, LLC
790 Madison
New York, NY 10065

Received Date: January 30, 2018; Sample Tracker ID: SAT1801301510-001
(This specimen was received in good condition.)

Test Date: February 9, 2018
Report Date: February 12, 2018

Report #: 103398137SAT-001

Specimen ID: "Everblock Flooring"
Description: "Modular Interlocking Floor System"

Sample Dimensions: 125 mm long x 13 mm wide x 3.7 mm thick

Sample Preparation: The molded plastic floor tile was cut to the required dimensions at Intertek in Elmendorf, Texas on February 9, 2018 by an Intertek technician.

Sample Conditioning: 73.4±4°F and 50±5% R.H. for a minimum of 48 hours.

Environmental Conditions: 74°F and 48% r.h.

This Test Witnessed by: Not witnessed

Summary of Test Method

A bar of the material to be tested is supported horizontally at one end. The burner is placed on the free end of the specimen for 30 seconds. The test flame impinges the specimen at 6mm. Time and extent of burning are measured and reported if the flame front reaches the 25 mm mark. The timing device is started when the flame reaches the 25 mm mark and continues until the flame front reaches the 100mm or if the flames self-extinguishes prior to that point. The timing zone is between the 25 mm mark and the 100 mm mark.

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Test Criteria

A material classified as 94HB shall: **1.** Not have a burning rate exceeding 40 mm per minute over a 75 mm span for specimens having a thickness of 3.0 - 13 mm, or **2.** Not have a burning rate exceeding 75 mm per minute over a 75 mm span for specimens having a thickness less than 3.0 mm, or **3.** Cease to burn before the 100 mm reference mark.

TEST RESULTS

Specimen	Did Flame Reach 25 mm(Y/N)	Did Flame Reach 100 mm(Y/N)	Total Time (sec)	Damage Length (mm)	Burning Rate (mm/min)
1	N	N	327	75	13.8
2	N	N	282	75	16.0
3	N	N	384	75	11.7
Average			331.0	75	13.8

This material meets the UL 94HB classification requirements.

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