



FLAME SPREAD TEST REPORT

Reference: DACKOR, Inc.
350 E Crown Pt Rd #1030
Winter Garden, FL 34787

Test Report: 1189153-2

Sample ID: The material is B2L in 0.04mm thickness

Test Request: Perform standard flame spread and smoke density developed classification tests on the sample in accordance with ASTM Designation E84-07, "Standard Method of Test for Surface Burning Characteristics of Building Materials" The foregoing test procedure is comparable to UL 723, ANSI /NFPA No. 255, and UBC No. 8-1

Test Result Flame Spread: 15 Smoke Developed 185*

Preparation and Condition: The sample material was 22" wide by 96" long conforming to test chamber dimensions. The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and ¼" round metal rods placed at two foot intervals across the width of the test chamber.

E84 Test Date Sheet: For B2L

Sample: B2L Sheet

Flame Spread:

Ignition: 8 minutes

Flame Front: 19.5 feet maximum

Time to spread: 8 minutes, 39 seconds

Test Duration 8 minutes 45 seconds

Calculation: $31.89 \times 0.515 = 16.7$

Summary: Flame Spread 15: Smoke Developed: 185*



- Due to heat production and the loss of air flow through the chamber the test was terminated at 8 minutes, 45 seconds. Had the test continued for the normal 10 minute period the flame spread would have remained unchanged. Note: Laboratory plotted the smoke density value for the remaining 1 min, 15 seconds at 0% transmittance and derived a Smoke Density value of 184.

Summary of ASTM E84 Results: Because of the possible variations in reproducibility the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification , the above results should be compared to the following

NFPA CLASS	UBC CLASS	FLAME SPREAD	SMOKE DEVELOPED
A	I	0 through 25	Less than or equal to 450
B	II	26 through 75	Less than or equal to 450
C	III	76 through 200	Less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI /NFPA No. 101 "life Safety code", 1994 Edition
2. Uniform Building Code, 1994 Edition, Chapter, Interior Finishes, Sections 801-807

End of Report