



**Title: Fire Test Results**

**Product: 2" Melamine Foam - Natural White**

Application: Wall or Ceiling

Testing Standard: ASTM E84-18

*Why this test:* This test evaluates products surface burning characteristics. Products are rated on the distance a flame travels across the product as well as the amount of smoke that is created during the exposure to fire.

Test Result Summary: Class A, Flame Spread: 0; Smoke Developed: 75

**ASI TEST RESULT DISCLAIMER**

ASI makes every effort to ensure the accuracy and reliability of the information provided. Laboratory testing is conducted by independent testing organizations. ASI does not guarantee that field tests or independent tests will not vary.

From: Rendered by Manufacturer and Released to:  
Acoustical Surfaces, Inc.  
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To: To Whom It May Concern

Subject: ASTM E84 Test Summary Report

This summary report presents fire test results for natural melamine foam tested at an accredited, independent, applied research laboratory. The test was conducted in accordance with the procedure outlined in ASTM E84-18, *Standard Test Method for Surface Burning Characteristics of Building Materials*. The purpose of this test method is to determine the relative burning behavior according to the standard ASTM E84 of materials by observing the flame spread along the melamine foam. Flame Spread and Smoke Developed results are reports below.

This is a factual report of the results obtained from the laboratory test of the submitted sample products. The results may be applied only to the product tested and should not be construed as applicable to other similar products of the manufacturer. While this summary report may be used for obtaining product acceptance and building code compliance, it may not be used in advertising.

The test results for E84 on **2-inch** thick natural melamine foam are presented in the following table:

- Flame Spread Index (FSI): 0
- Smoke Developed Index (SDI): 75

**Test Criteria.**

| <b>Classification</b> | <b>Flame Spread Index</b> | <b>Smoke Developed Index</b> |
|-----------------------|---------------------------|------------------------------|
| <b>A</b>              | 0 – 25                    | 0 – 450                      |
| <b>B</b>              | 26 – 75                   | 0 – 450                      |
| <b>C</b>              | 76 – 200                  | 0 – 450                      |

The Flame Spread Index, calculated according to ASTM E84, meets **Class A** – Flame Spread Index 25 or less and Smoke Developed Index 450 or less.