

**ASTM E84-89a  
SURFACE BURNING  
CHARACTERISTICS**

**SUPER THERM**

Report No. 8940-90150

**OMEGA POINT  
LABORATORIES**



October 31, 1996

Mr. JE Pritchett  
Superior Products, International  
6459 Universal Ave.  
Kansas City, MO 64120

Re: Classification of results of ASTM E-84 test performed on Supertherm coating

Dear Mr. Pritchett:

This letter will serve as response to any interested party concerning the classification applied to the results of the ASTM E-84 test performed on your Supertherm coating. An ASTM E-84 test was performed, by Omega Point Laboratories, Inc., on March 21, 1990, on a test sample comprised of Supertherm coating, applied at 100 s.f./gal., to glass reinforced cement board. The Flamespread Index achieved in this evaluation was 0, as was the Smoke Developed Index.

The ASTM E-84 test method does not give guidance as to the classification of test results obtained from such evaluations. The test method merely dictates how the test apparatus and test sample are to be prepared and how the evaluation is to be conducted. The classification system placed upon results of such test is imposed by the model building codes. These classifications are stated differently by different building codes (some use letters "A, B and C", some use numbers "1, 2 and 3" and some use Roman numerals "I, II and III") but are defined as follows:

**Class A or 1 or I:**

Flamespread Index of 25 or less  
Smoke Developed Index of 450 or less

**Class B or 2 or II:**

Flamespread Index between 25 and 75  
Smoke Developed Index of 450 or less

**Class C or 3 or III:**

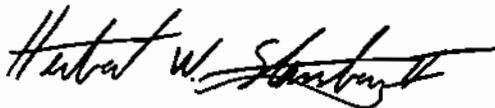
Flamespread Index between 75 and 200  
Smoke Developed Index of 450 or less

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Materials performing more poorly than can be classified by the above categories are sometimes referred to as "Class D." Given the performance of the Supertherm coating, it is clearly seen that the material complies with the requirements of a Class A rating (or Class 1 or Class I).

I hope the information contained in this letter will suffice, and has helped in assuring you that Omega Point Laboratories, Inc. is an established and accepted testing facility, offering Listing & Labeling services as well. If you have any questions or comments, please feel free to give us a call at (512) 647-5253.

Sincerely,



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Herbert W. Stansberry II,  
Fire Test Technologist


HWS/dbm



**ABSTRACT**

<b>TEST MATERIAL:</b>	<b>Supertherm</b>
<b>TEST METHOD:</b>	<b>ASTM E84-89a Standard Test Method for SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS (NFPA 255, UL 723, UBC 42-1)</b>
<b>TEST DATE:</b>	<b>March 21, 1990</b>
<b>TEST FOR:</b>	<b>Superior Products</b>
<b>TEST RESULT:</b>	<b>FLAME SPREAD INDEX = 0</b> <b>SMOKE DEVELOPED INDEX = 0</b>

The description of the test procedure and specimen evaluated, as well as the observations and results obtained, contained herein are true and accurate within the limits of sound engineering practice.

  
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Deggary N. Priest  
President

Date: March 21, 1990

