



Title: Fire Test Results

Product: 3/8" CFAB

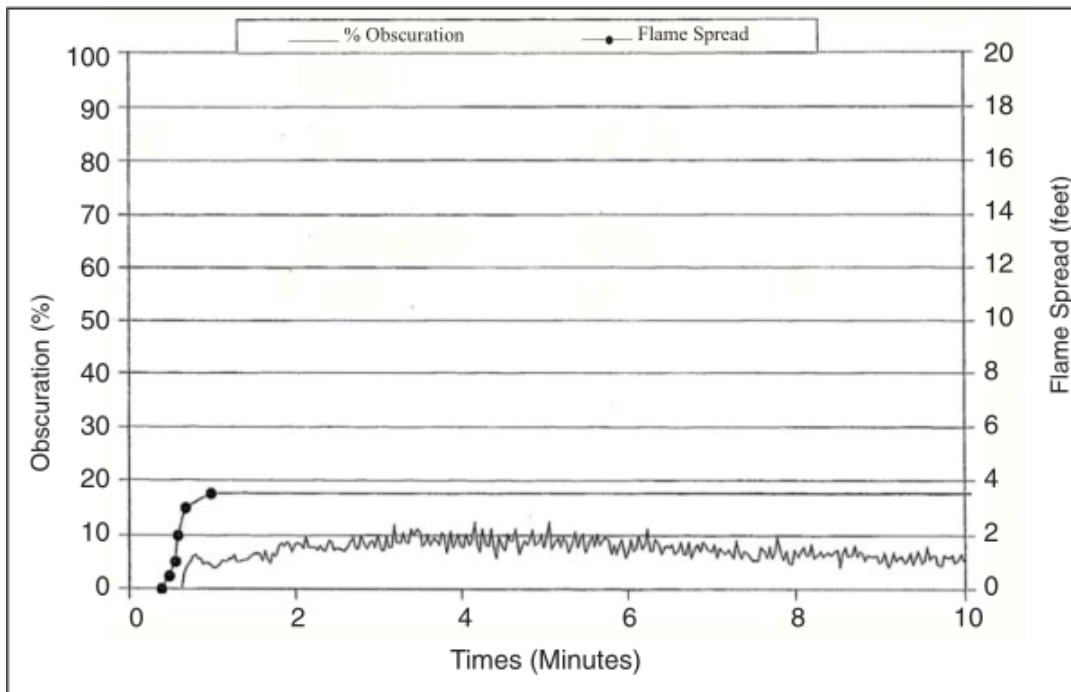
Application: Wall or Ceiling

Testing Standard: ASTM E84

Test Date: 03/27/2008

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: 15; Smoke Developed: 80



Test ID: 0327813

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.

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Project: 08CA17163
Tested by: ALBERT HISLOP

File: R8078
Engineer: THOMAS SIAS

TestCode: 0327813
Date: 03/27/08

TEST METHOD: The test was conducted in accordance with UL 723, Ninth Edition.

Client Name: Rendered by Manufacturer and Released to Acoustical Surfaces, Inc.			
Test Duration: 10 minutes	Test No.: 1	Hot Test: No	
Mounting: Rods & Wire	Test Type: Developmental	Burn-Out Required: No	

Test Sample: CMS 1700GSM cellulose material 3/8in. thick
no fabric no septum

FLAME SPREAD RESULTS

Flame Spread Data

Distance (Feet)	Time (Sec)
Ignition	23
0.5	29
1	33
2	35
3	41
3.5	59

Calculated Flame Spread (CFS):	16.95
Flame Spread Index (FSI):	15
Time to Ignition (sec):	23
Maximum Flame Spread (ft):	3.5
Area Under the Flame Spread Curve (ft.-min.):	32.9

SMOKE RESULTS

Calculated Smoke Developed (CSD):	79.4
Smoke Developed Index (SDI):	80
Area Under the Smoke Curve (Obs.-min.):	68.93
Area Under Red Oak Curve (Obs.-min.):	86.82

ULS-00723-BIKT-DataSheet-2001
Form Page 1

Form Issued: 2004-01-28
Form Revised: 2007-15-10

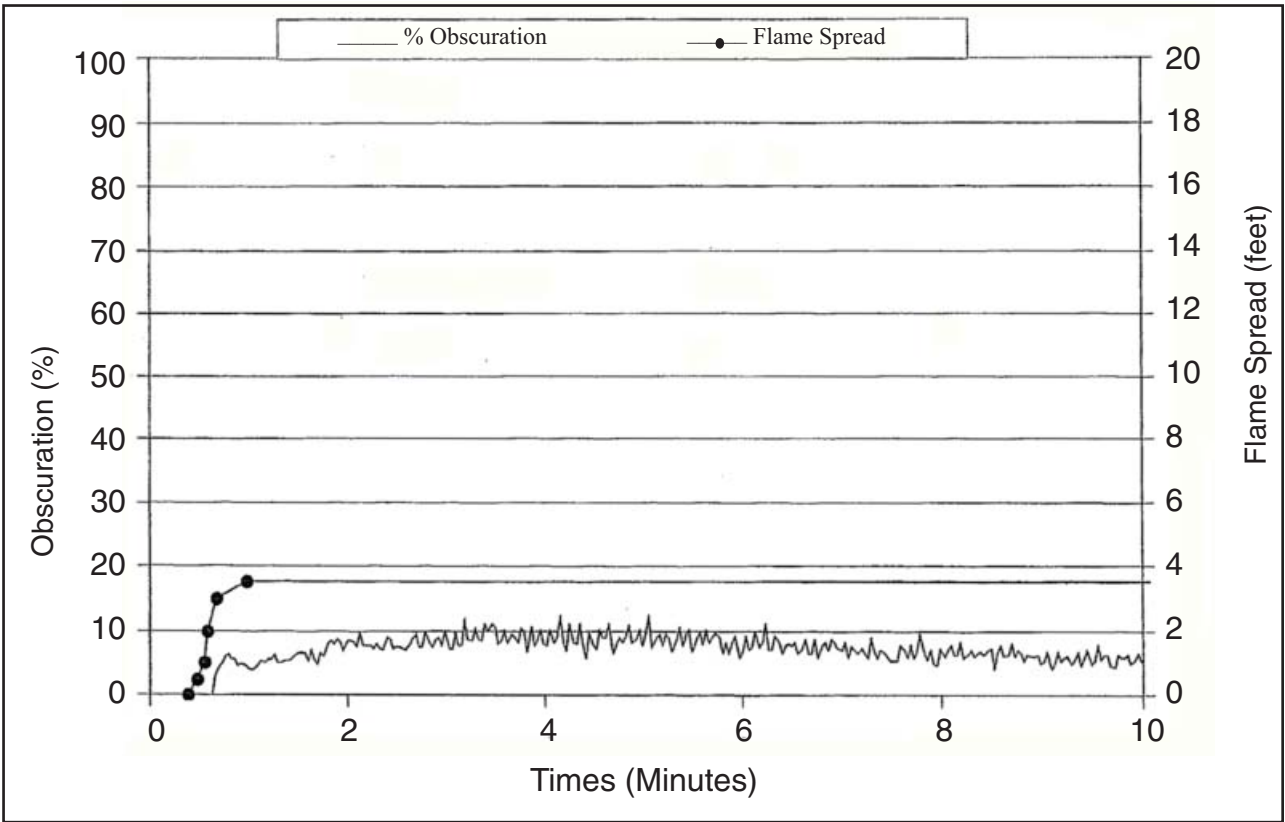
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Flame Spread / Smoke Results

CFAB™ 1700GMS cellulose material 3/8in thick (CMS)



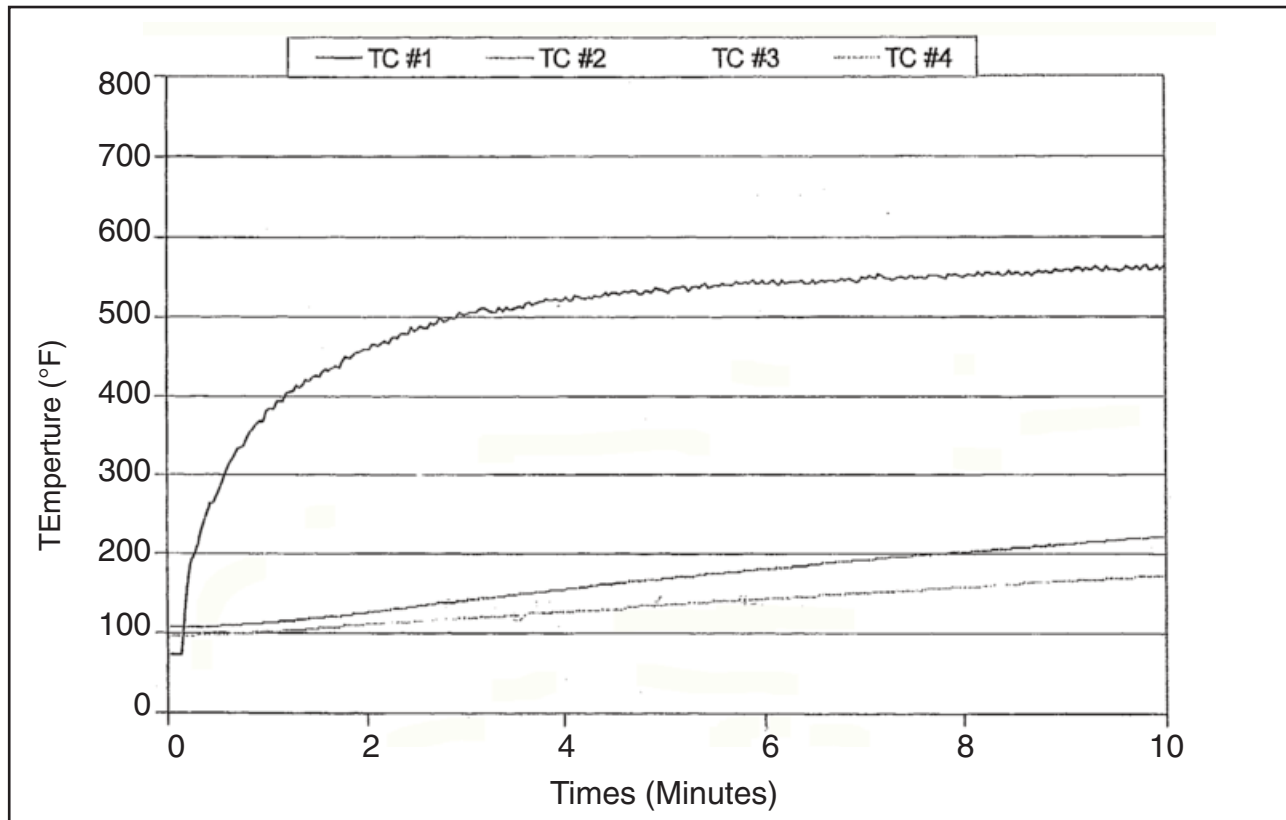
Test Num.: 1
R8078 / 08CA17163
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Flame Spread Index: 15
Smoke Developed Index: 80
Max. Flame Spread (ft.): 3.5



Temperatures

CFAB™ 1700GMS cellulose material 3/8in thick (CMS)



Test Num.: 1
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TC1 (Exposed-23 feet from burner) Max Value (°F): 565
TC2 (Exposed-13 feet from burner) Max Value (°F): 222
TC3 (Exposed-Exhaust Duct) Max Value (°F): 379
TC4 (Embedded-23-1/4 feet from burner) Max Value (°F): 173