



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

123 Columbia Court North • Suite 201 • Chaska, MN 55318  
 (952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: [sales@acousticalsurfaces.com](mailto:sales@acousticalsurfaces.com)  
 Visit our Website: [www.acousticalsurfaces.com](http://www.acousticalsurfaces.com)

## We Identify and **S.T.O.P.** Your Noise Problems

### STEINER TUNNEL SUMMARY OF RESULTS

<b>ENGINEER</b>	: Bob Kiefer	<b>TECHNICIAN</b>	: Eric Schmitt
<b>FILE NO.</b>	: R19356	<b>TEST DATE</b>	: 4/19/00
<b>ASSIGNMENT NO.</b>	: D0NK13870	<b>TEST TIME</b>	: 7:46 AM
<b>APPLICANT</b>	: Rendered by Manufacturer for Acoustical Surfaces Inc.	<b>TEST CODE</b>	: 04190009
<b>MATERIAL</b>	: White Blanket	<b>TEST NO</b>	: 1
		<b>MOUNTING</b>	: Rods and Wire

#### FLAME SPREAD RESULTS

<u>Distance (ft.)</u>	<u>Time (sec)</u>
0.00	29
0.50	44
1.00	55
1.50	73
2.00	189
1.00	562

Calculated Flame Spread (CFS):	8.91
Flame Spread Index (FSI):	10
Duration of test	10 min.
Time to Ignition	29 sec.
Maximum Flame Spread:	21 ft. prior to 10 min.
Actual area under the Flame spread Curve (ft.-min):	17.3

#### SMOKE RESULTS

Calculated Smoke Developed (CSD):	17.9
Smoke Developed Index (SDI):	20
Area under the Smoke Curve:	0.64 square inches
Area under the Red Oak Curve:	3.54 square inches



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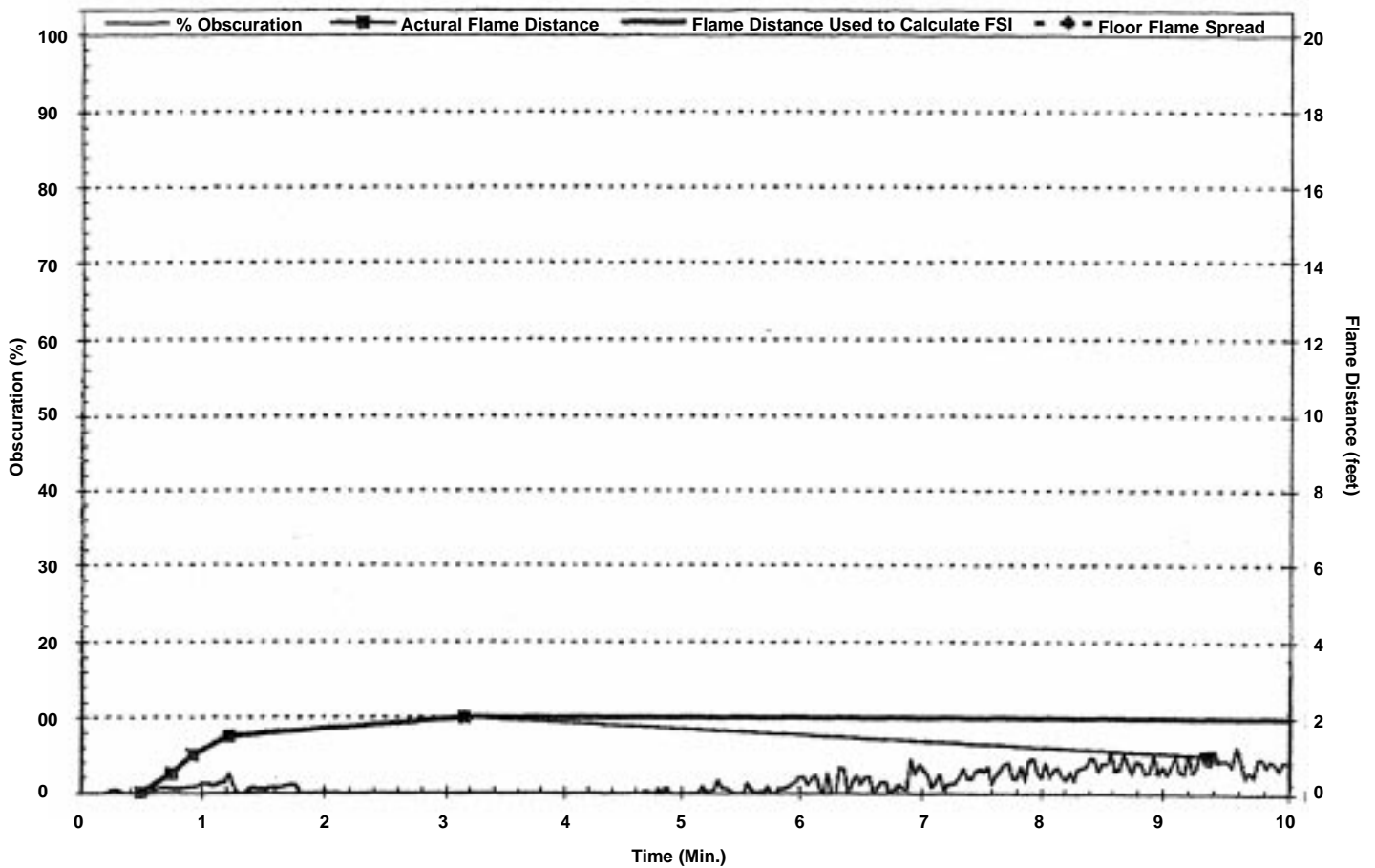
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## Flame Spread / Smoke Results Rendered by Manufacturer for Acoustical Surfaces Inc. WHITE BLANKET



04190009  
R19356 / 00NK13870  
Test No. 1  
Test Location: North

Flame Spread Index = 10  
Smoke Developed Index = 20  
Max. Flame Spread = 2 ft.