

# SOUTHWEST RESEARCH INSTITUTE®

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## EVALUATION OF THE SURFACE BURNING CHARACTERISTICS OF A MATERIAL IDENTIFIED AS A1 IN ACCORDANCE WITH ASTM E84-15b, STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS

**TRADE NAME: A1**  
**MATERIAL ID: A1**


**FINAL REPORT**  
**Consisting of 7 Pages**

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### 执行摘要

本报告介绍了位于荷兰的活性复合材料技术公司提交的试样测试结果，并在位于得克萨斯州圣安东尼奥的西南研究所（SwRI）消防技术部进行了测试。测试按照 ASTM E84-15b 中概述的步骤进行，该标准测试方法为建筑材料的表面燃烧特性标准测试方法（NFPA 255、ANSI/UL 723 和 UBC 8-1）。

**材料ID: A1**

- 火焰传播指数 (FSI): 20
- 烟雾开发指数 (SDI): 15

### 测试标准。

分类	火焰传播指数	烟雾开发指数
<b>A</b>	0 – 25	0 – 450
<b>B</b>	26 – 75	0 – 450
<b>C</b>	76 – 200	0 – 450