



Architectural Testing

TEST REPORT

Report No.: D5845.02-121-24

7.0 Test Results: The test results are tabulated as follows:

Test Results	
Flame Spread Index (FSI):	60
Smoke Developed Index (SDI):	850
Test Operator:	Ben Green
Red Oak Calibration (% * Min):	106.25

Test Data	
FSI (unrounded):	57.8
SDI (unrounded):	859.4
FS * Time Area (Ft * Min):	110.3
Smoke Area (% * Min):	913.1
Fuel Area (°F * Min):	7279.3

Observations	
Ignition Time:	00:23 (Min:Sec)
Max Flame Front Advance:	19.5 Feet
Time to Max Flame Front:	06:55 (Min:Sec)
Max Temp At Exposed T/C:	1455.2°F
Time To Max Temp:	08:27 (Min:Sec)
Dripping Observed:	No
Flaming On Floor Observed:	02:10 (Min:Sec)
After Flame Top Observed:	10:04 (Min:Sec)
After Flame Floor Observed:	10:05 (Min:Sec)
Sagging Observed:	01:27 (Min:Sec)
Delamination Observed:	No
Shrinkage Observed:	No
Fallout Observed:	01:33 (Min:Sec)

Cracking Observed:	No
Observations After the Test:	None

Date Received:	6/19/2014 3:42:20 PM
Manufacturer*:	Allied Metal
Product Type:	PVC Track Product
Series/Model:	N/A
Composition*:	PVC
Conditioning Time:	72+ hours
Specimen Size:	2-1/2 in. wide x 72-1/2 in. long
Thickness:	1 in.
Specimen Sections:	40
Total Weight:	1.56 lbs.
Color:	Clear
Side to Flame:	Flat Side
Support Used*:	1/4 in. steel rods spaced 24 in.
Substrate Used*:	None
Cement Board:	The cement board was placed on top of the sample.

Summary of ASTM E 84 Test Results	
Flame Spread Index	Smoke Developed Index
60	850

Rendered to: ESTOLGA

PRODUCT TYPE: Panel Attachment System
SERIES/MODEL: ESTOLGA

TEST METHOD: ASTM E 84-11a, *Standard Test Method for Surface Burning Characteristics of Building Materials*