

# INTERTEK TESTING SERVICES NA, INC.

## ASTM E84 DATASHEETS

Client: Paneltech International, LLC  
Date: 7/11/2006 4:46 P.M.  
Test Number: 4  
Project Number: 3099454SAT-001  
Operator: EH/TA

Specimen ID:  
"PaperStone™". The specimen was self-supporting.

### TEST RESULTS:

**FLAME SPREAD INDEX: 20**  
**SMOKE DEVELOPED INDEX: 110**

### SPECIMEN DATA

Time to Ignition = 218 (sec)  
Time to Max FS = 529 (sec)  
Maximum FS = 9.0 (feet)  
Time to 980 °F = Never Reached (sec)  
Max Temp = 678 (°F)  
Time to Max Temp = 600 (sec)  
Total Fuel Burned = 50.81 (cubic feet)  
FS\*Time Area = 40.5 (ft\*min)  
Smoke Area = 69.2 (%A\*min)  
Fuel Area = 5600.6(°F\*min)  
Fuel Contributed Value = 13  
Unrounded F.S.I. = 20.9

### CALIBRATION DATA...

Time to Ignition of Last Red Oak = 00:44 (min:sec)  
Red Oak Smoke Area = 62.50 (%A\*min)  
Red Oak Fuel Area = 8972 (°F\*min)  
Glass Fiber Board Fuel Area = 5065 (°F\*min)

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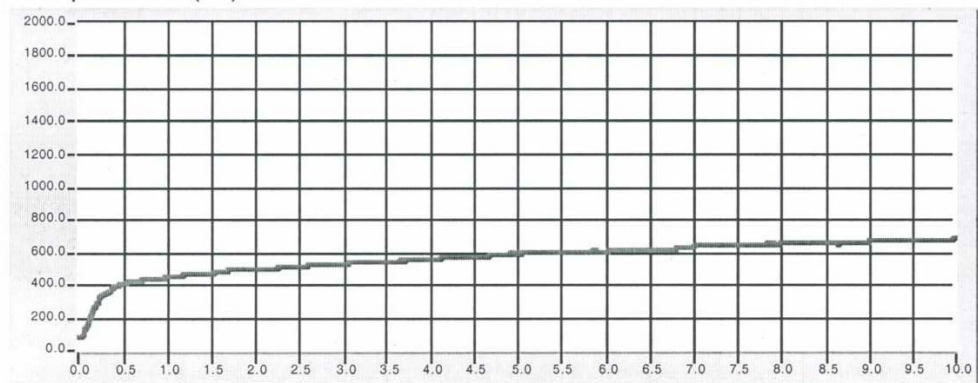
FLAME SPREAD (ft)



Smoke (%A)



Temperature (°F)



Time (min)