

Client: FR Wood Protection Ltd

Date: 02 13 2014

Project Number: 101528137

Test Number: 1

Operator: Greg Philp

Specimen ID: Flame shield Fire Retardant coating on 3/4 in. plywood

## TEST RESULTS

**FLAMESPREAD INDEX: 25**

**SMOKE DEVELOPED INDEX: 35**

## SPECIMEN DATA . . .

Time to Ignition (sec): 41

Time to Max FS (sec): 537

Maximum FS (feet): 8.8

Time to 980 F (sec): Never Reached

Time to End of Tunnel (sec): Never Reached

Max Temperature (F): 740

Time to Max Temperature (sec): 539

Total Fuel Burned (cubic feet): 45.00

FS\*Time Area (ft\*min): 47.0

Smoke Area (%A\*min): 44.3

Unrounded FSI: 24.2

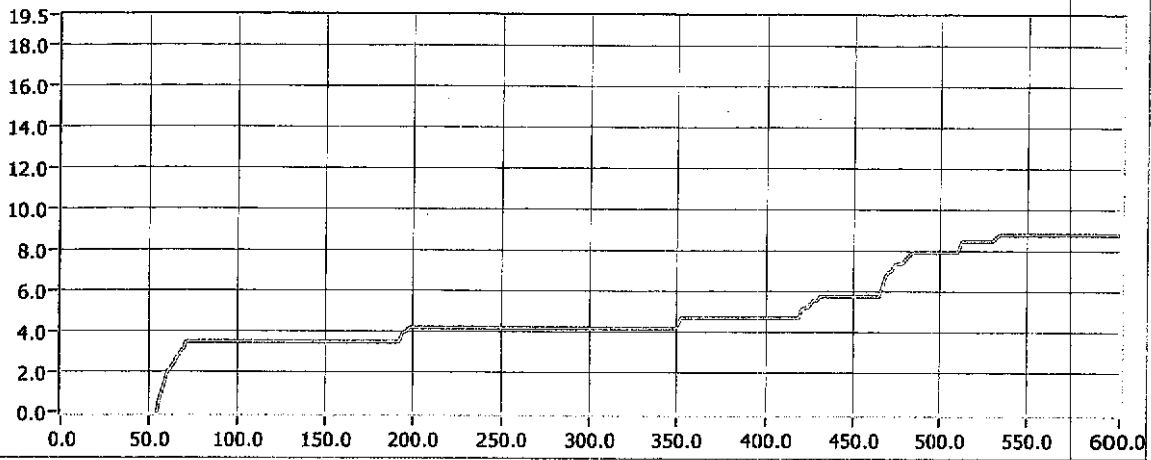
Unrounded SDI: 37.3

## CALIBRATION DATA . . .

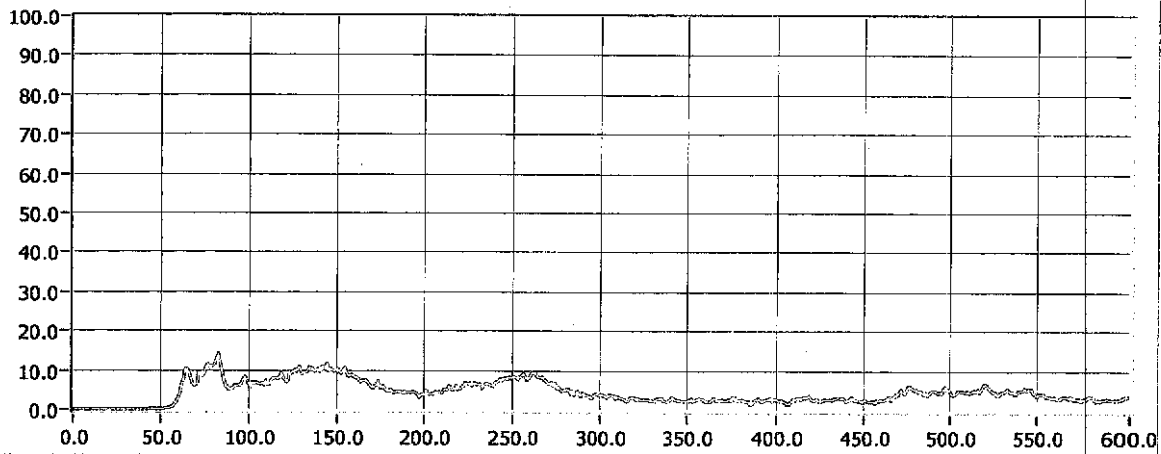
Time to Ignition of Last Red Oak (Sec): 41.0

Red Oak Smoke Area (%A\*min): 118.6

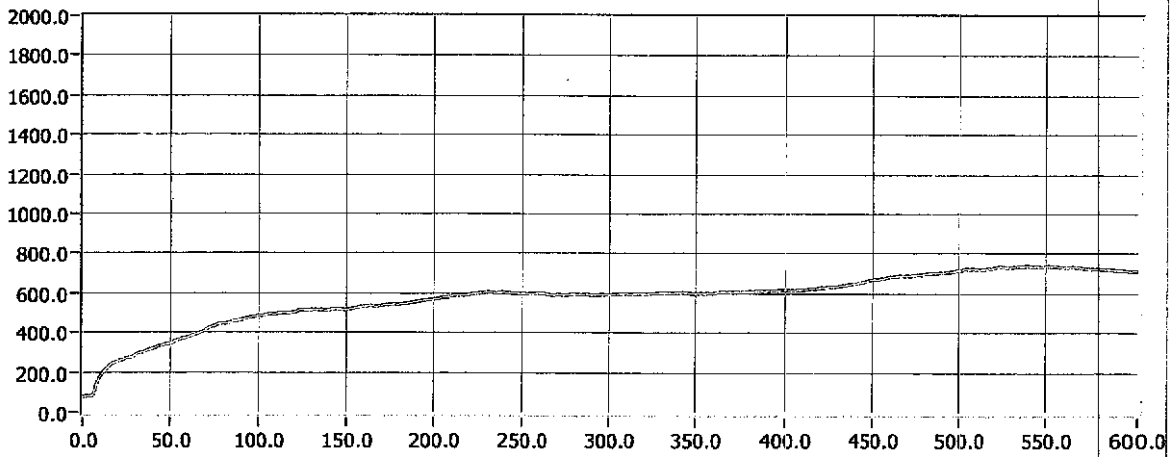
### FLAME SPREAD (ft)



### Smoke (%A)



### Temperature (°F)



Time (sec)

600