



# ASTM E84 DATASHEETS

Client: FOSS MANUFACTURING CO. INC.

Date: 9/3/03

Time: 12:47 PM

Test Number: 3

Project Number: 16390-115467

Operator: CH/EH

Specimen ID: "PREMIER SAND CP210CZJ64 ROLL # 47046001, PREMIER SAND". THE SPECIMEN WAS ADHERED TO TUNNEL BOARD USING SHUR-STIK 111 ADHESIVE BY O.P.L. PERSONNEL.

## TEST RESULTS

FLAMESPREAD INDEX: 10

SMOKE DEVELOPED INDEX: 10

## SPECIMEN DATA . . .

Time to Ignition (sec): 94

Time to Max FS (sec): 171

Maximum FS (feet): 2.9

Time to 980 °F (sec): Never Reached

Max Temperature (°F): 564

Time to Max Temperature (sec): 486

Total Fuel Burned (cubic feet): 41.57

FS\*Time Area (ft\*min): 23.5

Smoke Area (%A\*min): 8.4

Fuel Area (°F\*min): 5105.7

Fuel Contributed Value: 0

Unrounded FSI: 12.1

## CALIBRATION DATA . . .

Time to Ignition of Last Red Oak (sec): 50

Red Oak Smoke Area (%A\*min): 101.10

Red Oak Fuel Area (°F\*min): 9293

Glass Fiber Board Fuel Area (°F\*min): 5605

