



ASTM E84 Tunnel Test

Report 91 Surface Burning Characteristics in a 25 ft. Tunnel Furnace

Johns Manville Technical Center
Fire Test Laboratory
10100 W. Ute Ave.
Littleton, Co. 80127

Test Number: F99-1
Test Duration: 10.02 min
Tested: 7-Jan-99 - 10:30

Material Description:
ULTRA-TUFF RUBBERIZED COATING

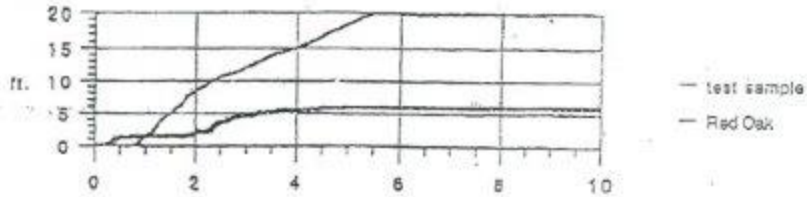
Mounting Method:
3 SELF-SUPPORTING BOARDS BUTTED END TO END

Operator: J.L. FISCHER
Requestor: TUFF COAT

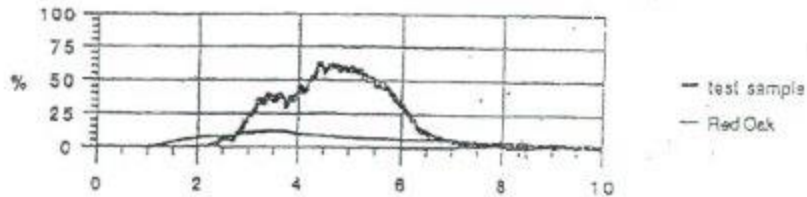
Test Operation:
Volume of Gas- Used 50.1 cu ft
Gas Burning Rate 5.0 cu ft/min
Max Furnace Flamespread 5.9 ft
Flame Spread Index 23.7
Smoke Density Index 180.9

comments: PASS

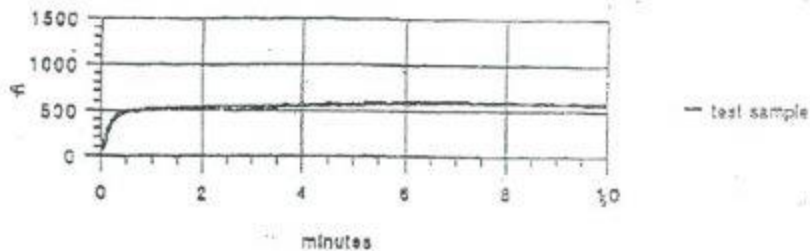
Flamespread vs Time



Light Absorption vs. Time (% Absorption based on photoelectric cell value at start of test.)



Tunnel Temperature vs. Time



filename: F99-1_rpt