



*Memo Report  
Fire Testing Lab*



ALL TOGETHER TO QUALITY

Mountain Technical Center, P.O. Box 625005, Denver, CO 80162-5005

Title: Tunnel Test on Trestlewood Wood Planking

Memo Report No: F95-4

Requested by: Trestlewood

Date Requested: 1/3/95

Test Method: ASTM E84

Date: 1/11/95

Tested by: J.L. Fischer

Notebook No:

Page Number:

Charge Code:

<u>SAMPLE</u>	<u>FLAMESPREAD INDEX</u>	<u>SMOKE DENSITY INDEX</u>
Wood Planking	15.7	29.9

Reported By: J.L. Fischer R-05

S. Volenec R-03

\*The content of this report relates only to the items tested.

\*\*This report shall not be reproduced, except in full, without written approval of the Physical Test Lab.

# ASTM E84 Tunnel Test

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

Mountain Technical Center - div of Schuller Intl  
Fire Test Laboratory  
10100 W. Ute Ave.  
Littleton, Co. 80127

Test Number : F95-4  
Test Duration : 10.02 min.  
tested : 9-Jan-95  
13:46

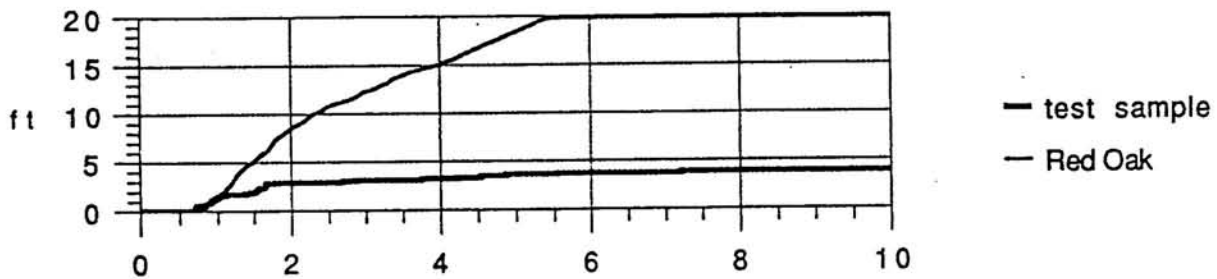
Material Description :  
TRESTLEWOOD WOOD PLANKING

Mounting Method :  
4 SELF-SUPPORTING PLANKS BUTTED END TO END

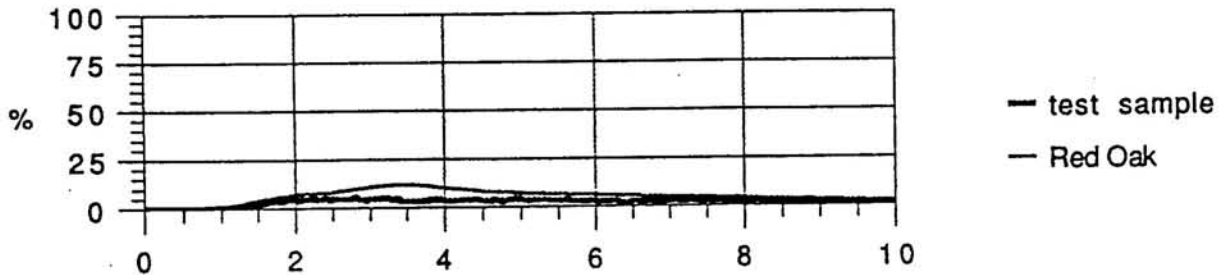
Test Operation :  
Volume of Gas Used 51.4 cu.ft.  
Gas Burning Rate 5.1 cu.ft./min.  
Max Furnace Flamespread 3.8 ft.  
Flame Spread Index 15.7  
Smoke Density Index 29.9

Operator: J.L FISCHER  
Requester: TRESTLEWOOD

Flamespread vs. Time



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



Tunnel Temperature vs. Time

