Memtech Acoustical
Your Source for Noise Control Solutions

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FACTORY MUTUAL RESEARCH CORPORATION

ASTM E-84 TEST FILE: $T055D

TEST IDENTIFICATION

DATE: 02/24/93 J.I. NUMBER: 0X2Q0.AM
SAMPLE NO: BSC-26 RUN NUMBER: 1
LIBRARY CATALOG NUMBER: 4820

PERSONNEL: OPERATOR: M.D. OBSERVER: F.J.C.
PROJECT ENGINEER: T.M.CHESTNUT

CLIENT INFORMATION

CLIENT: UNITED PROCESS,INC.
STREET & P.O.: P.O.BOX 545
CITY, STATE, ZIP: AGAWAM,MA. 01001

CONTACT: R.MULCAHY TEL. #: (413)789-1770

TEST SPECIMEN

THICKNESS: 1" COLOR: RED
DENSITY: 1b/cu/ft LENGTH: 1PCS.24'LNG.
DAYS CONDITIONED: 7
JOINTS: NONE
EXPOSED SURFACE: QUILTED ACOUSTICAL BLANKET
METHOD OF SUPPORT: LAID ON LEDGE WITH RODS
QUILTED ACOUSTICAL BLANKET

ADDITIONAL DATA

TIME: 00:00:00.000

4.5	110.6	94.4	57.2	1.070

FLAME SPREAD INDEX: 4.017
SMOKE DENSITY INDEX: 19.209

TEST NAME: $T055D

TEST RESULTS

FLAME SPREAD INDEX: 4.017 MIN-FT: 7.800
MAXIMUM FLAME SPREAD DISTANCE: 8.0 TIME: 09:55
MV-MIN: 16.305 RED OAK MV-MIN: .849
SMOKE DENSITY INDEX: 19.209
CALIBRATION FACTOR FOR GAS METER: .312

OBSERVATIONS

- DURING TEST -
TIME OF MATERIAL IGNITION: 02SEC.
DELAMINATION: 0 MIN.
SAGGING: 0 MIN.
FALLOUT: 0 SEC
BURNING AT FLOOR, TIME: 0
BURNING AT FLOOR, DISTANCE: 0'

- AFTER TEST -
CHAR, LENGTH: 15'
DEPTH OF CHAR @:
CRACKING: 0 '
SEVERE CHAR: 7'
SMOKE COUNT 0
BURN THROUGH AT

The material tested is not manufactured under the Factory Mutual follow-up inspection and re-examination program; therefore, the manufacturer cannot use the Factory Mutual name for marking or advertising the material.

The product is not approved, unless separately listed in the Factory Mutual Approval Guide for specific end-use application.

Caution: These Numerical Flame Spread and Smoke Density values are not intended to reflect the hazards presented by this or any material under actual fire conditions.

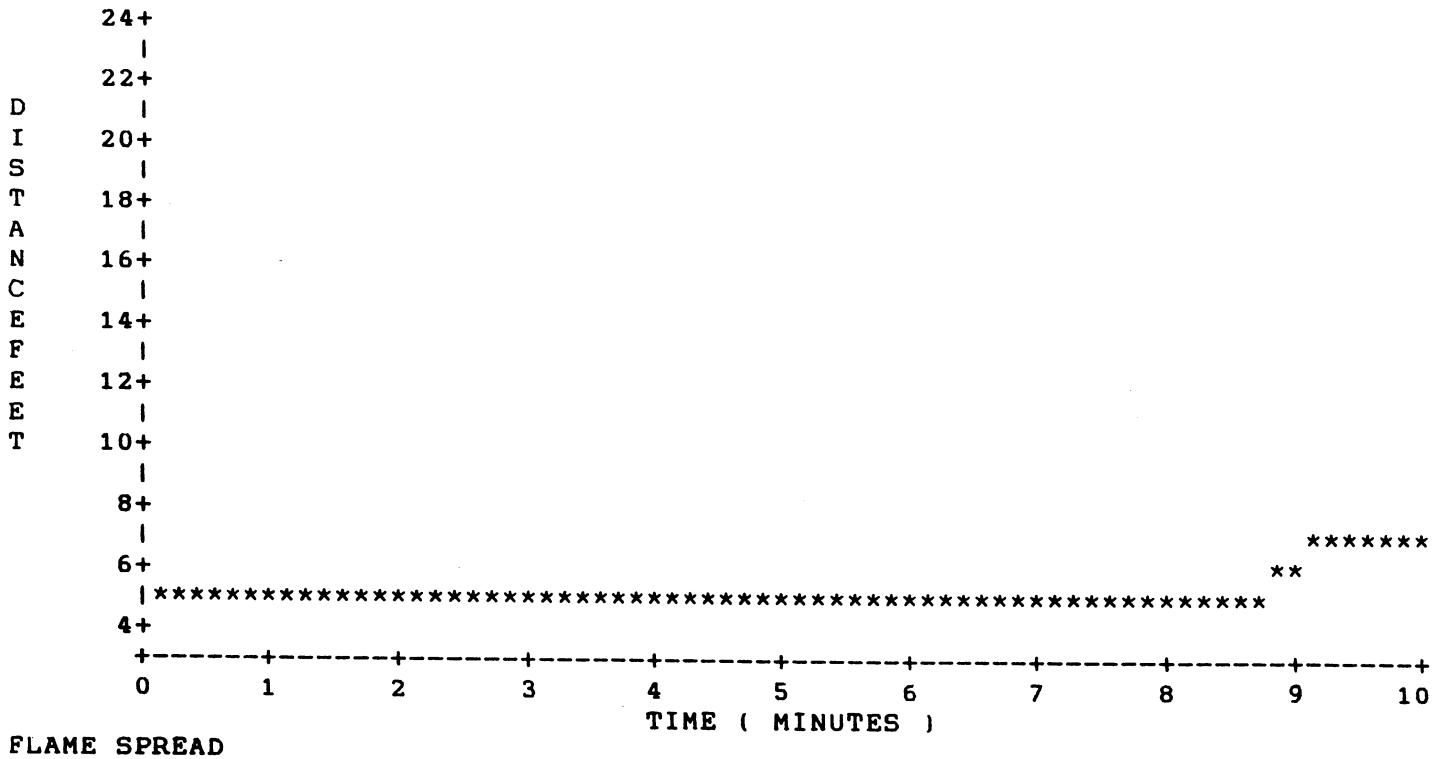
The products of combustion were not analyzed nor is it required by the ASTM E-84 Method.

The ASTM E-84 Test Method subjects materials to limited fire conditions when tested in a horizontal ceiling application. The test results may not indicate the material's actual burning characteristics when field installed in a vertical position.

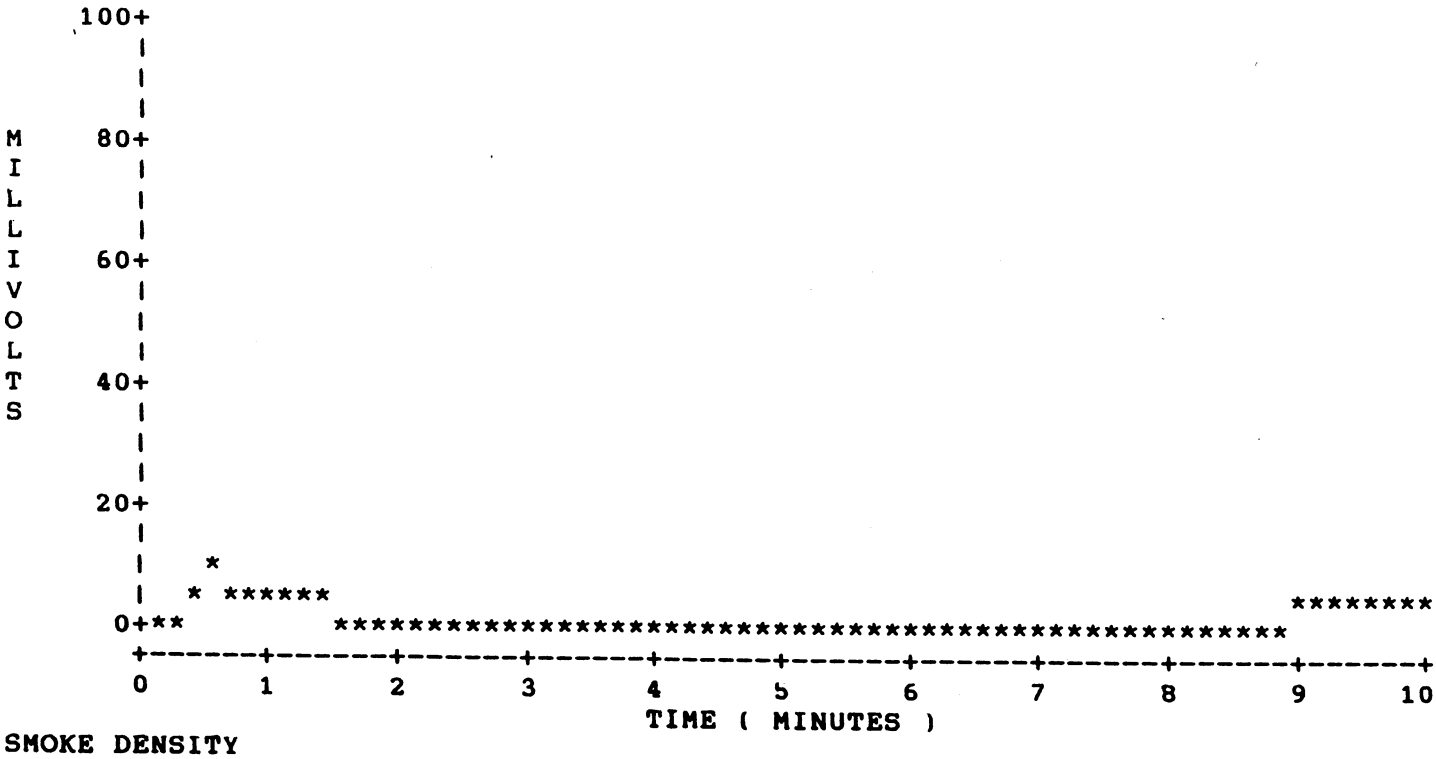
Also, the sample mounting prescribed in this test method may not produce a fire behavior representative of actual building fires.

Test Supervised and Reported By:

TEST NAME: $T055D



FLAME SPREAD



SMOKE DENSITY