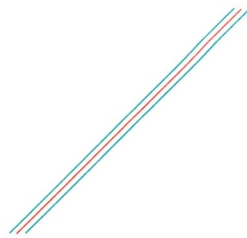




Fire Testing Laboratory



TEST REPORT FOR

EverKem Diversified Products, Incorporated
5180 Indiana Avenue
Winston-Salem, NC 27106

Surface Burning Characteristics of Building Materials

ASTM E – 84-11a

Test Report No: FH-2265

Assignment No: G-758

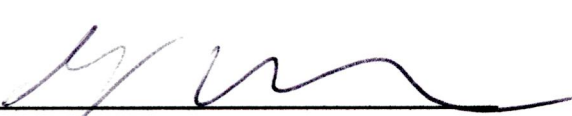
Test Date: 01/11/2012

Report Date: 01/11/2012

Subject Material: SoundSeal 90 Acoustical Sound Sealant on Inorganic Cement Board

Prepared by: 

Steven M. Armenia
Test Technician

Reviewed by: 

Robert J. Menchetti
Director, Laboratory Facilities
and Testing Services

The results reported in this document apply to specific samples submitted for measurement.
No responsibility is assumed for performance of any other specimen.
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The laboratory's test reports in no way constitutes or implies product certification, approval
or endorsement by this laboratory.



MATERIAL TESTED:

Material submitted by EverKem Diversified Products, Inc., Winston-Salem, NC, was identified and described by the client as:

SoundSeal 90 Acoustical Sound Sealant

The sealant was placed on inorganic cement board. Two beads were run down the longitudinal length of the cement board; drawn 4 in. off the centerline of the panel. The beads were nominally 1/2 in. wide x 1/2 in. deep. The sealant side was exposed to the fire.

METHOD OF SUPPORT:

The specimen panels were placed end to end, and butted tightly together, to achieve the required 24 ft. length. No additional support was required.

LID PROTECTION:

1/4 in. thick non-combustible fiber reinforced cement board was placed over the specimen as lid protection.

RESULTS:

The results can be found on page 3 of this report.

RESULTS:

<u>TEST NO.</u>	<u>MATERIAL TESTED</u>	<u>SIDE EXPOSED</u>	<u>SUPPORT</u>	<u>CALCULATED FLAME SPREAD</u>	<u>CALCULATED SMOKE DEVELOPED</u>
1	SoundSeal 90 Acoustical Sound Sealant	SEALANT	SELF	19.64	4.74

<u>MATERIAL TESTED</u>	<u>SIDE EXPOSED</u>	<u>SUPPORT</u>	<u>FLAME SPREAD INDEX*</u>	<u>SMOKE DEVELOPED INDEX*</u>
RED OAK FLOORING	NA	DECKS	100	100
REINFORCED CEMENT BOARD	NA	SELF	0	0
SoundSeal 90 Acoustical Sound Sealant	SEALANT	SELF	20	5

* Flame Spread/Smoke Developed Index is the result (or average of the results of multiple tests), rounded to the nearest multiple of 5. Smoke Developed in excess of 200, rounded to the nearest 50.

CLASSIFICATION	FSI	SDI
CLASS "A"	< 25	0 - 450
CLASS "B"	26 - 75	0 - 450
CLASS "C"	76 - 200	0 - 450



Fire Testing Laboratory

TEST#: FH-2265

DATE: 1/11/2012

TEST METHOD: ASTM-E84-11a

CLIENT: Everker Diversified Products, Inc.
PROJECT#: G-758

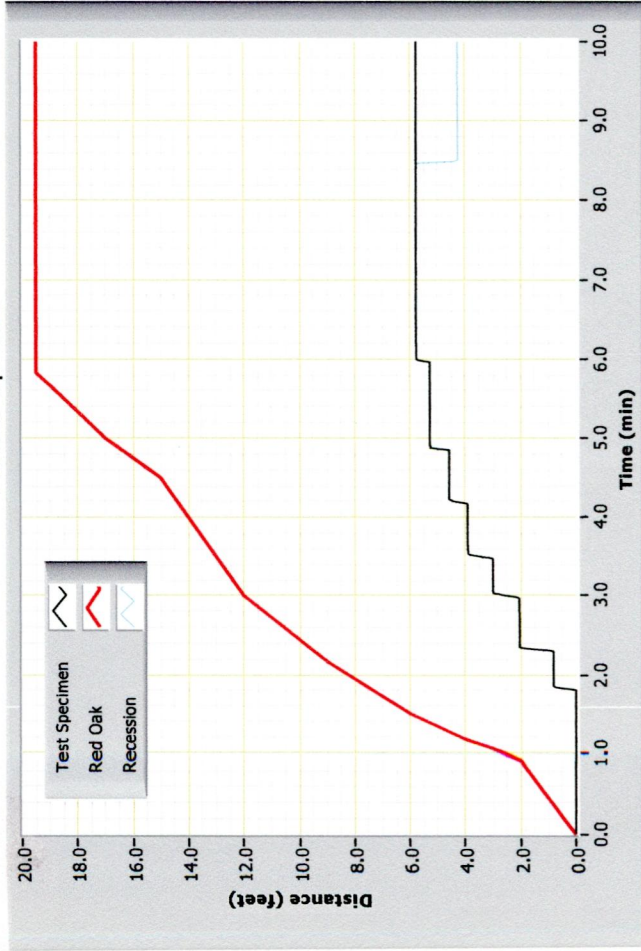
SAMPLE: SoundSeal 90
MATERIAL: Acoustical Sound Sealant
SUPPORT: Self Supporting
REMARKS: (2) 1/2" beads centered 8" apart on cement board

ADC DRAFT (IN. H2O) 0.080
GAS PRESS. (IN. H2O) 0.292
GAS VOL (CF) 49.93
BTU/cf 1020
SHUTTER (IN.) 3.00
TEMP. 13' BURIED 105 F

Flame Spread: 19.64
Area under Flame Curve (ft-min): 38.14

Smoke Developed: 4.74
Area under Smoke Curve (%A-min): 2.42

Flame Spread



Smoke Developed

