



SEP 18 1989

WARNOCK HERSEY PROFESSIONAL SERVICES LTD.
211 SCHOOLHOUSE ST., COQUITLAM, BRITISH COLUMBIA
CANADA V3K 4X9 - TELEPHONE: (604) 520-3321
TELEX: ENVOY WPM 8076 - TELECOPIER: (604) 524-9186

September 8, 1989

Seal-It Ltd.
332 Industrial Drive
Box 8
Regina, B.C.
S4P 2Z5

Attention: Mr. Dale Van Nes, Manager

Dear Sir,

On July 13 and 19, 1989, at Warnock Hersey Professional Services Ltd., Fire Laboratories Division, research flame spread tests were conducted in accordance with CAN4 S102 M88, Standard Method of Test for "Surface Burning Characteristics of Building Materials and Assemblies".

Testing was performed on Fir plywood and planed cedar treated with Seal-It wood preserver submitted by the client in a 10 litre plastic container. The material was applied as per the instructions supplied in your letter dated June 13, 1989.

As requested, a medium - nap natural hair roller was used to apply the "Seal-It" at a rate of 4.645 M²/litre (50 ft.²/0.22 imp. gal.) on plywood and 2.322 M²/litre (25 ft.²/0.22 imp. gal.) on planed cedar board.

Upon preparation of the test specimens, they were placed in a conditioning room at a relative humidity of 50 ± 5% and temperature of 23 ± 3½C (73 ± 5½F) until sample weights attained equilibrium, prior to testing.

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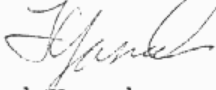
The test results are as follows:

<u>DATE</u>	<u>TRIAL NUMBER</u>	<u>MATERIAL</u>	<u>FLAME SPREAD</u>	<u>SMOKE DEVELOPED</u>	<u>FUEL CONTRIBUTED</u>
July 13/89	1	1" x 4" T & G Cedar	50	134	28
July 13/89	2	1/2" G1S Plywood	86	349	78
July 19/89	3	1/2" G1S Plywood	81	404	74
Average of 2 & 3 rounded to nearest "5"			85	375	75

This report does not automatically imply product certification.
Product must bear WHI labels in order to demonstrate Warnock
Hersey certification.

Yours truly,

WARNOCK HERSEY PROFESSIONAL SERVICES LTD.


Fred Yasuda,
Technician,
Fire Laboratories Division

FY/cr/89.09.08

Encl.

490.D10



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TIME/DISTANCE CURVE

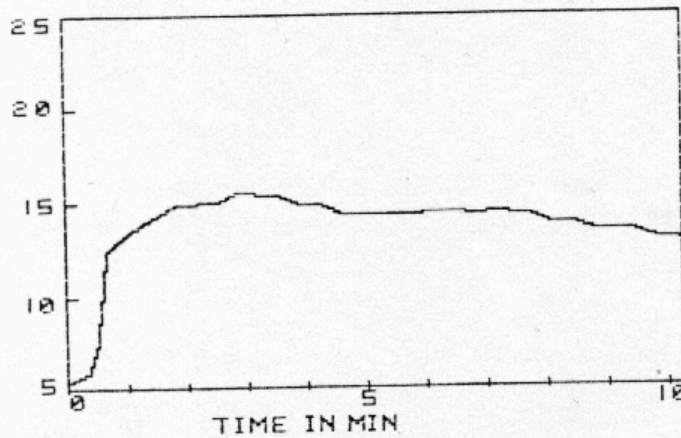
RUN NUMBER 1

FLAME SPREAD RESULTS FOR :

SEAL-IT LTD.

PRODUCT: SEAL-IT WOOD SEALER
TEST DATE: 07/13/89
TEST STANDARD: CAN4-S102M 88
WORK ORDER: 50493-C7-573100
RUN NUMBER: 1

***** FLAME TRAVEL IN FEET vs TIME IN MINUTES *****



***** TEST RESULTS *****

AREA UNDER TIME DISTANCE CURVE 90 FT-MIN
FLAME SPREAD CLASSIFICATION FSC1 50
SMOKE DEVELOPED 134
FUEL CONTRIBUTED 28
MAXIMUM DISTANCE REACHED 15.4 FT. AT 164.5 SEC.



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TIME/DISTANCE CURVE

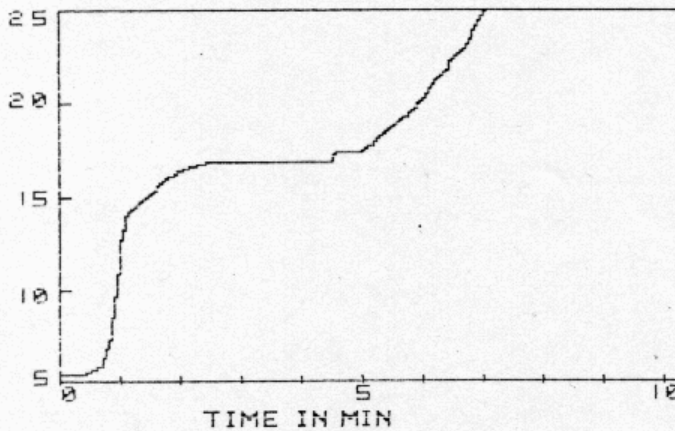
RUN NUMBER 2

FLAME SPREAD RESULTS FOR :

SEAL-IT LTD.

PRODUCT: SEAL-IT WOOD SEALER
TEST DATE: 07/13/89
TEST STANDARD: CAN4-S102M 88
WORK ORDER: 50493-C7-573100
RUN NUMBER: 2

***** FLAME TRAVEL IN FEET vs TIME IN MINUTES *****



***** TEST RESULTS *****

AREA UNDER TIME DISTANCE CURVE 133 FT-MIN
FLAME SPREAD CLASSIFICATION FSC1 86
SMOKE DEVELOPED 349
FUEL CONTRIBUTED 78
MAXIMUM DISTANCE REACHED 25 FT. AT 412 SEC.



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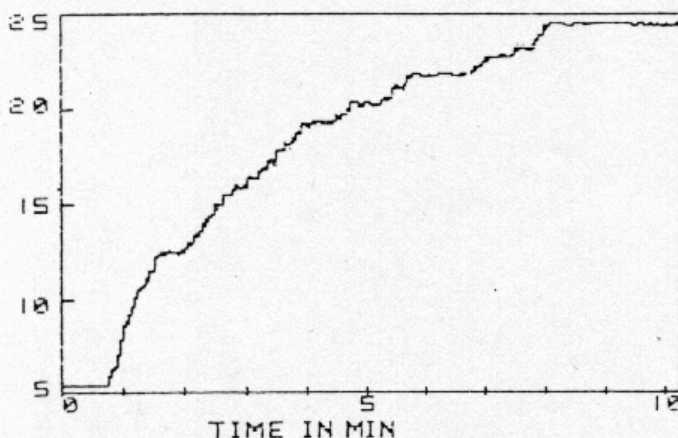
TIME/DISTANCE CURVE

RUN NUMBER 3

FLAME SPREAD RESULTS FOR :
SEAL-IT LTD.

PRODUCT: SEAL-IT WOOD SEALER
TEST DATE: 07/19/89
TEST STANDARD: CAN4-S102M 88
WORK ORDER: 50493-C7-573100
RUN NUMBER: 3

***** FLAME TRAVEL IN FEET vs TIME IN MINUTES *****



***** TEST RESULTS *****

AREA UNDER TIME DISTANCE CURVE 128 FT-MIN
FLAME SPREAD CLASSIFICATION FSC1 81
SMOKE DEVELOPED 404
FUEL CONTRIBUTED 74
MAXIMUM DISTANCE REACHED 24.4 FT. AT 547.5 SEC.