

ONTARIO RESEARCH FOUNDATION

SHERIDAN PARK RESEARCH COMMUNITY

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Monoglass Insulation Inc.,
Suite 606, 1200 West 73rd Avenue,
Vancouver, B.C.
V6P 6G5

Attn: Mr. Douglas R. Eyrl

February 4th, 1982.

REPORT NUMBER FTS 82-4-82-40

IDENTIFICATION One sample identified as Monoglass Spray-On Insulation.

SPECIFICATIONS OF ORDER Perform CAN 4-S114-78 Standard Test for Determination of Non-Combustibility in Building Materials, as per your letter of January 8th, 1982.

SUMMARY OF TEST PROCEDURE

A specimen of known mass, measuring 2.0 inches long, 1.5 inches wide and 1.5 inches thick, is placed inside an electrically heated furnace tube stabilized at 750°C. A material is considered non-combustible if it meets all the following criteria:

- A) The mean of the maximum temperature rise for the three (or more) specimens of the sample during the test does not exceed 36°C; and
- B) There is no flaming of any of the three (or more) specimens during the last 14 minutes and 30 seconds of the test; and
- C) The maximum weight loss of any of three (or more) specimens during the test does not exceed 20 per cent.

TEST RESULTS

	<u>Maximum Temp. Rise</u>	<u>Flaming Time (secs)</u>	<u>Weight Loss (%)</u>
Test #1	0*	0	6.5
Test #2	0*	0	7.7
Test #3	0*	0	6.0
Test #4	0*	0	6.1

* The temperature never exceeded the initial stabilized furnace temperature during the test period. Therefore, no temperature rise was recorded.

The sample submitted for testing complies with all the requirements of CAN 4-S114-78.

RJ Lederle

R.J. Lederle,
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HJ Campbell

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