



# Inchcape Testing Services

## Warnock Hersey

211 Schoolhouse Street, Coquitlam, B.C. V3K 4X9 Canada

Telephone (604) 520-3321

Fax (604) 524-9186

REPORT OF: Air Erosion Testing

AT: Coquitlam Laboratory

PROJECT: 488-9031

REPORTED TO: Monoglass Inc.  
North Tower  
430/650 West 42nd Avenue  
Vancouver, B.C. V5Z 2M9

DATE: July 19/95

REPORT NO: 1/95

ORDER NO:

Attention: Mr. Douglas R. Eyrl

### INTRODUCTION

At the request of Monoglass, Inc., Inchcape Testing Services/Warnock Hersey has conducted Air Erosion Evaluation Testing on a blown on insulation in accordance with ASTM E-859 *Test Method for Air Erosion of Sprayed Fire-Resistive Materials Applied to Structural Members*. The sample was prepared at Monoglass and transported to our Coquitlam facility for testing.

### PRODUCT DESCRIPTION

Name:	Spray On Thermal Acoustic Glass Fibre
Material:	Spray applied glass fibre insulation
Density:	3.37 lbs/ft <sup>3</sup> (54 kg/m <sup>3</sup> )
Tested Thickness:	5.5 in. $\pm$ 0.5 in. (14 cm $\pm$ 1.3 cm)
Substrate:	0.5 in. thick standard gypsum board

### SUMMARY

The sample was subjected to a constant wind velocity of 20 ft/sec. for a period of 72 hours. No weight loss was recorded over the 72 hours, and no damage or any deleterious effects noted.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENT, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

## TEST RESULTS


WEIGHT LOSS OF SAMPLE (equals weight gain of filter)	
Initial Weight of Filter	28.582g
Weight @ 1 hour	28.582g
Weight @ 6 hours	28.582g
Weight @ 24 hours	28.582g
Weight @ 48 hours	28.582g
Weight @ 72 hours	28.582g
Weight Gain (total)	None

The zero weight gain of the filter is the corresponding weight loss of the sample during testing.


The sample was visually examined at 1, 6, 24, 48 and 72 hours for any signs of loosening or loss of fibers.

## WARNOCK HERSEY PROFESSIONAL SERVICES LTD.

Tested by:

  
Mike Hayton  
Testing Technician  
Building Sciences Department

Reviewed by:

  
Geri Nishio  
Technologist  
Building Sciences Department

MH/cr