



**REPORT NUMBER: 101373158COQ-001b**  
ORIGINAL ISSUE DATE: October 17, 2013

**EVALUATION CENTER**  
Intertek Testing Services NA Ltd.  
1500 Brigantine Drive  
Coquitlam, B.C. V3K 7C1

**RENDERED TO**

**Monoglass Inc.**  
**922 – 1200 West 73rd Avenue**  
**Vancouver BC V6P 8G5**

PRODUCT EVALUATED: Sonoglass® Spray Applied Fiberglass Insulation  
EVALUATION PROPERTY: Non-Combustibility Performance

**Report of testing Sonoglass® Spray Applied Fiberglass Insulation for compliance with the applicable requirements of the following criteria: CAN/ULC S114-05, *Standard Method of Test for Determination of Non-Combustibility in Building Materials***

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# TEST REPORT

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## 2 Introduction

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Intertek Testing Services NA Ltd. (Intertek) has conducted testing for Monoglass Inc., on Sonoglass® spray applied fiberglass insulation, to evaluate non-combustibility performance. Testing was conducted in accordance with CAN/ULC S114-05, *Standard Method of Test for Determination of Non-Combustibility in Building Materials*.

This evaluation began October 14, 2013 and was completed the same day.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly by the client. All product descriptions and identifications were provided by Monoglass Inc., and Intertek accepts no responsibility for any inaccuracies provided. Samples were not independently selected for testing. Samples were received at the Evaluation Center on October 4, 2013.

### 3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Prior to testing of the sample material at the Intertek Coquitlam laboratory they were placed in an oven to dry at a temperature of  $60 \pm 3^{\circ}\text{C}$  ( $140 \pm 5^{\circ}\text{F}$ ) for not less than 24 hrs and no more than 48 hrs. After being dried the sample material was cooled to room temperature before being tested.

The test samples consisted of 38 mm by 38 mm by 50 mm. specimens of fiberglass insulation material. They were identified by the client as Sonoglass® spray applied acoustic insulation material.

## 4 Testing and Evaluation Methods

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### 4.1. TEST STANDARD

Each test specimen measured 38 mm by 38 mm by 50 mm. After the specimens were conditioned, they were weighed and then tested in accordance with the test standard. The material shall be reported as non-combustible, if:

- 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  
*Note: Any surface flash, transitory flaming or sustained flaming constitutes flaming for the purpose of this requirement.*
- C The maximum loss of mass of any of the three (or more) specimens during the test does not exceed 20 per cent.

Three of four specimens must meet the above conditions in order to be considered non-combustible in accordance with CAN/ULC S114-05.

## 5 Testing and Evaluation Results

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### 5.1. TEST RESULTS

Sample Number	Allowable Temp. Rise (°C)	Temp. Rise Above Initial (°C)	Flaming After 30 Secs.	Weight Loss (%)	Pass/Fail
1	36	0	No	13	Pass
2	36	0	No	16	Pass
3	36	0	No	13	Pass

There was no visible smoke or flaming on any of the samples.

## 6 Conclusion


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The samples of Sonoglass® spray applied fiberglass insulation, submitted by Monoglass Inc, met the requirements to be classified as non-combustible in accordance with CAN/ULC S114-05, *Standard Method of Test for Determination of Non-Combustibility in Building Materials*.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

### INTERTEK TESTING SERVICES NA LTD.

Tested and  
Reported by:

  
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David Park  
Technician – Building Products

Reviewed by:

  
\_\_\_\_\_  
Greg Philp  
Reviewer – Building Products

## REVISION SUMMARY

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