



**REPORT NUMBER: 100661481COQ-003**  
ORIGINAL ISSUE DATE: March 16, 2012

**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: Spray Applied Fiberglass Insulation  
EVALUATION PROPERTY: Non-Combustibility

**Report of testing fiberglass insulation for compliance with the applicable requirements of the following criteria: ASTM E136-11, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C**

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**TEST REPORT**

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REVISION SUMMARY

## 2 Introduction

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Intertek Testing Services NA Ltd. (Intertek) has conducted testing for Monoglass Inc., on white spray applied fiberglass insulation. Testing was conducted in accordance with ASTM E136-11, *Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C Option A*. This evaluation began March 7, 2012 and was completed the same day.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client and were not independently selected for testing. The sample materials were received at the Evaluation Center on February 27, 2012.

### 3.2. SAMPLE DESCRIPTION

The test samples consisted of 1-1/2 in. by 1-1/2 in. by 2 in. specimens of fiberglass insulation material and was identified by the client as spray applied white fiberglass insulation consisting of Monoglass Fiberglass and Bonding Adhesive.

## 4 Testing and Evaluation Methods

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### 4.1. TEST STANDARD

After the specimens were conditioned, they were weighed and then tested in accordance with the test standard. The standard states that; three of four samples must meet the individual specimen criteria in either section 15.2 or 15.3.

15.2 When the weight loss of the specimen is less than 50%:

15.2.1 The recorded temperatures of the surface and interior thermocouples do not at anytime during the test rise more than 30°C above the stabilized temperature at  $T_2$  prior to the test.

15.2.2 There is no flaming from the specimen after the first 30 seconds.

15.3 When the weight loss of the specimen is over 50%:

15.3.1 The recorded temperatures of the surface and interior thermocouples do not at anytime during the test rise above the stabilized temperature at  $T_2$  prior to the test.

15.3.2 There is no flaming from the specimen at anytime during the test.

## 5 Testing and Evaluation Results

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### 5.1. TEST RESULTS

Sample Number	Allowable Temp. Rise (°C)	Actual Temp. Rise (°C)	Flaming After 30 Secs.	Weight Loss (%)
1	781	769	No	6
2	779	767	No	8
3	780	760	No	13
4	781	760	No	9

## 6 Conclusion

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The samples of spray applied white fiberglass insulation consisting of Monoglass Fiberglass and Bonding Adhesive Material submitted by Monoglass Inc., met the requirements of ASTM E136-11, *Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C Option A*.

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:



Greg Philp  
Technician – Building Products Testing

Reviewed by:



Scott Leduc, EIT  
Reviewer Fire Testing

GP

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