



CLIENT: GEOSCIENCE LTD
6260-B Marindustry Drive
San Diego, CA 92121
Heinz Poppendiek

Test Report No: Pending

Date: April 20, 2007

SAMPLE ID: The Client submitted and identified the following test material as 610X7317 Foil Faced Insulation.

DATE OF RECEIPT: Entered into SGS USTC sample tracking system on February 15, 2007.

TESTING PERIOD: April 20, 2007.

AUTHORIZATION: Testing authorized by Heinz Poppendiek.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Developed</u>
	5	0

For detailed results see page 3.

Tested by

Brian Ortega
Test Technician

Signed for and on behalf of
SGS U.S. Testing Company Inc.

Greg Banasky
Supervisor Fire Technology

Page 1 of 2

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Report No.: Pending
Date: April 20, 2007
Page: 2 of 2

E 84 TEST DATA SHEET:

CLIENT: GEOSCIENCE LTD. DATE: 04/20/07SAMPLE: 610X7317 Foil Faced InsulationTHICKNESS: 3/8" nominal

FLAME SPREAD:

IGNITION: 10 secondsFLAME FRONT: 0.5 feet maximumTIME TO MAXIMUM SPREAD: 24 secondsTEST DURATION: 10 minutesCALCULATION: $4.85 \times 0.515 = 2.50$

SUMMARY: FLAME SPREAD: 5 SMOKE DEVELOPED: 0

OBSERVATIONS: Sample surface ignition was observed at 10 seconds. A flame front advance of 0.5 feet was recorded at 24 second.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>UBC CLASS</u>	<u>FLAME SPREAD</u>	<u>SMOKE DENSITY</u>
A	I	0 through 25	less than or equal to 450
B	II	26 through 75	less than or equal to 450
C	III	76 through 200	less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 1994 Edition.
2. Uniform Building Code, 1994 Edition, Chapter 8, Interior Finishes, Sections 801-807.

End of Report



→ ALF

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Date: September 14, 2010

To: Alexandre Le Febvrier
WINCO Technologies

From: Heinz. Poppendiek

Subject: A statement about the name of the WINCO insulation tested by SGS
in 2007

Fax: 33 2 96 78 65 67

ORIGINAL

Hello Alexandre,

This communiqué confirms that the name of the insulation tested by SGS and signed by Greg Banasky was SKYTECH.

Regards,

H. F. Poppendiek



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Heinz F. Poppendiek, PhD; PE
President

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