

AIR INFILTRATION OF SPRAY FOAM

Prepared for:

FOAM ENTERPRISES
Attn: Mr. Bill Amend
13630 Watertown Circle
Minneapolis, MN 55441

Materials Technology

PROJECT NUMBER: 30160-04-61848.2
PAGE: 1 of 2
DATE: September 1, 2004

662 Cromwell Avenue Telephone : (651) 645-3601
 Saint Paul, MN 55114 Toll Free : (888) 645-TEST
 USA Telefax : (651) 659-7348
 Website : www.twincitytesting.com

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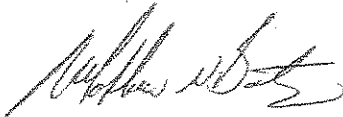
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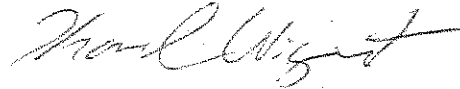
Client Purchase Order Number: Quote: mb-04-473

Prepared By:



Mathew N. Botz
 Project Manager
 Product Testing Department
 (651) 659-7353

Reviewed By:



Karl Wigert
 Engineering Technician
 Product Testing Department
 (651) 659-7319

The test results contained in this report pertain only to the samples submitted for testing and not necessarily to all similar products.

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INTRODUCTION:

This report presents the results of air infiltration tests conducted on a two samples of spray foam submitted by Bill Amend of Foam Enterprises. The testing and data analysis were completed on August 4, 2004.

The scope of our work was limited to conducting Air Infiltration Performance tests and reporting the results.

TEST RESULTS:

	Air Leakage (CFM)	Area (ft ²)	Air Infiltration (Cfm/ft ²)	Air Infiltration (L/sm ²)
Sample #1	0.01	14	Less than 0.01	Less than 0.05
Sample #2	0.20	14	0.01	0.05

SAMPLE IDENTIFICATION:

Two samples were submitted for testing. Test samples were prepared by Foam enterprises and were identified as "FE117, 2-lb density 245FA Blown Wall System". Samples were constructed of spray type foam and had dimensions of 45" x 45" and were nominally 1" thick.

TEST METHODS:**Air Infiltration Test**

ASTM:E283-(04), *Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen*. The samples were tested at 1.57 psf (equivalent to a 25-mph windload).

REMARKS:

The test sample will be retained for a period of 30-days and then discarded unless notified by the client

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