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September 5, 2007

TPR2 Corporation
161 Interstate Lane
Waterbury, CT 06705

Att: **Mr. Dennis J. Jakiela**
V.P., Product Development

DL-15308B
Via FAX (203) 756-8779

OBJECTIVE

To determine the moisture vapor transmission characteristics of a submitted coating film.

PRODUCT TESTED

Porous test charts coated with **TPR2 Flexible FIRESHELL Intumescent Paint (AFES F1E)**, at a nominal 20-mils dry film thickness, were submitted for testing.

PROCEDURE

The supported film was tested in accordance with procedures outlined in ASTM Method E 96, "Water Vapor Transmission of Materials", Procedure A, (Desiccant Method).

TEST RESULTS

The test results are shown below:

Water Vapor Transmission Rate – WVT	0.5 grains/ft ² /hr.
Water Vapor Permeance - WVP	0.9 perms

DL Labs, Inc.

A handwritten signature in black ink, appearing to read 'Mario Lazaro, Jr.'.

Mario Lazaro, Jr.
Assistant Technical Director

cc: T. J. Sliva

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