eiDoor Rigid Vinyl Material (PVC) Test Results
ASTM G-21, G-22

Eggers Industries

Fungal and Bacterial Resistance Testing

Test Data

REPORT OF TEST

SGS U.S. Testing Company Inc.

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Report Number: 203609-01
Date: 06/27/97
Page: 1 of 2

Client: Inpro Corporation
S. 80W. 18766 Apollo Drive/PO Box 406
Muskego, WI 53150

Subject: Samples submitted and identified by the client as: Rigid Vinyl Material (PVC).

Sample Description: 2"x2" white squares.

Project: Fungal and Bacterial Resistance Testing

Test Dates: 05/29/97 - 06/26/97

Procedure: A. ASTM G-21

The testing was conducted in accordance with the procedures outlined in ASTM G-21-90, "Determining Resistance of Synthetic Polymeric Materials to Fungi".

The samples were placed on a mineral salts medium and sprayed with a combined inoculum of the following spore suspensions.

	ATCC #
Aspergillus niger	9642
Penicillium funiculosum	9644
Chaetomium globosum	6205
Gliocladium virens	9645
Aureobasidium pullulans	9348

After inoculation, samples and controls were placed in a "tropical test chamber" and incubated at a temperature of 30 ± 1°C relative humidity greater than 85%.

The total incubation period was 21 days.

Prepared by:

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B. ASTM G-22

The testing was conducted in accordance with the procedures outlined in ASTM G-22, "Determining Resistance of Synthetic Polymeric Materials to Bacteria".

The samples were placed on a mineral salts medium and inoculated with the test organisms *Pseudomonas aeruginosa*, ATCC #13388, *E. Coli* ATCC #8739 and *Staphylococcus aureus* 6538. The test sample and control were then incubated 21 days at 35ºC and 85% Relative Humidity.

* *E. Coli* and *Staphylococcus aureus* were tested at the client's request.

Results:

A. ASTM G-21

Sample	Evaluation of Fungal Growth
Rigid Vinyl Material (PVC)	0
Environmental Controls (paper, cork, cotton, leather)	3,4
Viability Control	4

*ASTM Rating	Observed Growth on Specimens
0	None
1	Traces of Growth (less than 10%)
2	Light Growth (10-30%)
3	Medium Growth (30-60%)
4	Heavy Growth (60% to complete coverage)

B. ASTM G-22

Sample	Evaluation of Bacterial Growth
Rigid Vinyl Material (PVC)	0
Viability Control	Heavy Growth

Conclusion: The submitted samples of Rigid Vinyl Material (PVC) did not support fungal or bacterial growth, when tested as specified.

Eggers Industries

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