



74 Kent Street  
Brooklyn, New York 11222-1517

Phone (718) 383-5080  
Fax (718) 383-7445  
E-mail: dllabs@aol.com

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November 24, 2003

Fiberlock Technologies, Inc.  
150 Dascomb Road  
Andover, MA 01810-5873

Att: **Mr. Andre Weker**

**Re: DL-13955**  
**Via FAX (978-475-6205)**

### **OBJECTIVE**

To evaluate the resistance of a coating to mold and fungal growth.

### **PRODUCT TESTED**

The coating was submitted by Fiberlock Technologies, Inc. for testing and identified as IAQ 6000 HD - #8362.

### **PROCEDURE**

The coating's resistance to mold and fungal growth was evaluated in accordance with the two following procedures:

1. ASTM G 21, "Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi".

The coating was cast to produce a free film and allowed to cure a minimum of seven days at standard conditions before testing was initiated. Replicate specimens, measuring 1 X 1-inch were exposed to a mixed fungal spore suspension consisting of *Aspergillus niger*, *Aureobasidium pullulans*, *Chaetomium globosum*, *Gliocladium virens* and *Penicillium pinophilum*.

2. ASTM D 3273, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber"

ASTM D 3274, "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation".

This report may contain test data obtained from test methods not covered by NVLAP accreditation. See reverse side for those test methods which are covered.

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## TEST RESULTS

The submitted coating, namely IAQ 6000 HD - 8362, exhibited the following resistance to fungal growth:

1. ASTM G 21 0-rating for fungal resistance; indicating no fungal growth on the surface area of the specimens. A zone of inhibition surrounding the specimen was not observed.
2. The coating exhibited an ASTM D 3274 10-rating for mold growth, also indicating no fungal growth.

**DL Labs, Inc.**

A handwritten signature in blue ink, appearing to read 'Thomas J. Sliva', is positioned above the printed name.

Thomas J. Sliva  
Vice President /  
Technical Director

cc: M. Lazaro, Jr.