



74 Kent Street  
Brooklyn, New York 11222-1517

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

Accredited by National Voluntary Laboratory Accreditation Program - Lab Code 100252  
Accepted by Canadian General Standards Board - No. 76005 - ISO/IEC 25 Approved

April 13, 2003

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

Att: Mr. Andre Weker

Re: DL-14070  
Via FAX (976) 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 6040 - #8363 Mold Resistant Primer, Lab No. 74573 E. CP.

### 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.

This report shall not be reproduced except in full without the prior written approval of the DL Labs, Inc. The information contained herein is not endorsed by NVLAP, CGSB or any agency of the U.S. or Canadian governments and no such endorsement may be claimed.



**TEST RESULTS**

The submitted coating, namely IAQ 6040 - #8363 Mold Resistant Primer exhibited the following resistance to fungal growth characteristics:

1. The coating exhibited an 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 cursive script that reads "Mario Lazaro, Jr.".

Mario Lazaro, Jr.  
Assistant Technical Director

cc: M. Lazaro, Jr.