



SGS U.S. Testing Company Inc.

1341 North 108th East Avenue • Tulsa, OK 74116 • Tel: 918-437-8333 • Fax: 918-437-0407

CLIENT: Bonded Logic
411 East Ray Road
Chandler, AZ 85225

Attn: Scott Tomkinson

Test Report No: 168394-3 Date: July 23, 2002

SUBJECT: ASTM G 22 Bacteria Resistance Test.

SAMPLE ID: Samples identified by the client as "UltraTouch Duct Liner Insulation" were received from the client on 6/03/02 in good condition.


PROCEDURE: The samples were evaluated in accordance with ASTM G 22-96 for bacteria resistance. The following bacteria was used for this test, "Pseudomonas Aeruginosa". Samples were evaluated by rating the development and extent of microbial growth on the sample or in the surrounding medium. No revisions to this report are allowed after 90 days of the report date.

TEST DATE: 6/14/02 7/05/02.

RESULTS: On the following page

CONCLUSION: The submitted sample did not support bacterial growth. The positive and viability controls exhibited acceptable growth while the negative did not, thus validating the test procedure.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of SGS U. S. Testing Company Inc.


Scott Simmons
Dept. Manager/Product Evaluation

SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.


Dale E. Holloway
Tulsa Branch Director

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Report No.: 168394-3

US-D-OPS-04-03-T

Bonded Logic, Inc.

RESULTS:

ASTM G 22

| Sample | Replicate | Evaluation of Bacterial Growth | | | |
|------------|-------------------------|--------------------------------|-------|--------|--------|
| | | Day 0 | Day 7 | Day 14 | Day 21 |
| Black Side | 1 | 0 | 0 | 0 | 0 |
| | 2 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 |
| White Side | 1 | 0 | 0 | 0 | 0 |
| | 2 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 |
| Controls | Positive (wood, tubing) | 0,0 | 0,3 | 0,3 | 0,3 |
| | Negative (glass) | 0 | 0 | 0 | 0 |
| | | 0 | 4 | 4 | 4 |

All positive ratings confirmed as Pseudomonas aeruginosam, the test organism.

End of Report