



Acrovyn®

Acrovyn 4000 Bacterial Resistance Testing



August 11, 2010

Mr. L. David Whitmoyer
Construction Specialties, Inc.
4660 Paradise Road
P.O. Box 378
Milton, Pennsylvania 17847-0378

RE: NEW ACROVYN® 4000 BACTERIA TEST SUMMARY

Dear Mr. Whitmoyer:

Construction Specialties, Inc. contracted Architectural Testing, Inc., an independent test laboratory, to evaluate their New Acrovyn® 4000 product for resistance to bacteria in accordance with ASTM G 22-97 (Reapproved 1996), *Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi* (Withdrawn from active status 2001). The New Acrovyn® 4000 samples resisted growth of the *Pseudomonas Aeruginosa* bacterium culture.

Each sample measured nominally 0.075" thick by 2" square. The material tested was beige in color.

All curing, conditioning and testing were performed at standard laboratory conditions. The test specimens were placed on Nutrient Agar and inoculated with a suspension containing *Pseudomonas Aeruginosa* (ATCC No. 13388). The test specimens were incubated (incubator ICN 004921) at 37°C and not less than 85% relative humidity for a period of 21 days and then observed under 40x magnification for their ability to support growth. The rating for this method is growth or no growth. The New Acrovyn® 4000 sample demonstrated No Growth where it protected the food source and growth where the food source was open.

Full details of these tests are available in report 92745.03-106-31. If you have any questions regarding this test summary, please feel free to contact me at your convenience.

For ARCHITECTURAL TESTING, INC.



Digitally Signed by: Todd D. Burroughs

Todd D. Burroughs
Senior Project Engineer - Components / Materials Testing

TDB:tdb/nlb
cc: 92745.03



To download details, specs & photos visit www.c-sgroup.com
For technical and design assistance call 800-233-8493.

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