

**| Acrovyn by Design® Taber Abrasion Testing**

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February 25, 2014

Mr. Tom Gay  
Construction Specialties, Inc.  
347 Broad Street  
Hughesville, Pennsylvania 17737

**RE: TABER ABRASION RESISTANCE TEST SUMMARY**

Dear Mr. Gay:

Architectural Testing, Inc. was contracted by Construction Specialties, Inc. to witness abrasion resistance of their standard reverse print Acrovyn by Design product. Testing was performed at Construction Specialties, Inc.'s facility in Montgomery, Pennsylvania in accordance with ASTM D 4060-10, *Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser*. The standard reverse print Acrovyn by Design product required 10,000 cycles to fully deplete the Suede Texture surface. A Taber Abraser Machine applied a constant downward force of 1,000 grams to each of two Calibrase CS-10 Taber Industries abrasive wheels, while the instrument recorded the number of wear cycles completed by the sample as it rotated below the wheels. The sample was evaluated after every 1,000 cycles of abrasion for texture wear-down. Between each cycle set, the wheels were resurfaced on standard abrasion resurfacing sheets for 25 cycles. Thickness of the product was measured using a standard micrometer. The weight of the specimens was not determined for this procedure.

Sample	Before Thickness	After Thickness	Wear Cycles per Mil
Reverse Print	0.0455"	0.0430"	4,000

Full details of these tests are available in report D2227.01-106-47. 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/jas  
cc: D2227.01-106-47