



LABORATORIES

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
ISO / IEC 17025 and relevant requirements of ISO 9002

Adsil, Inc.
1901 Mason Ave., Suite 101
Daytona Beach, FL 32117

December 7, 2004

Attn: Raj Dhawan, Technical Director

Re: DL-14336 Test Reference
ASTM D 4060 Taber Abrasion

OBJECTIVE

To perform ASTM D 4060 Taber Abrasion Test on samples of Adsil products. Taber Abrasion was evaluated using a CS-17 wheel, 500 grams weight and 1,000 cycles.

PRODUCTS TESTED

The following three-component products were submitted by Adsil for testing:

MicroGuard AD703 Concrete Clear Gloss Treatment
MicroGuard AD708 Hard Tile Clear Gloss Treatment

TEST PROCEDURES

Parts A & B for each formula tested were poured into a covered beaker containing a magnetic stirrer. The solution was allowed to stir for 15 minutes at slow speed. After the initial 15 minute mixing period, the Part C portion was added and the system was allowed to stir an additional 15 minutes. Upon completion of the mixing, the system was allowed to set for a 4 hour induction period at standard conditions to equilibrate.

The coatings were applied by drawdown bar to aluminum panels that had been cleaned and wiped with isopropyl alcohol and allowed to dry. The coatings were applied in two coats at 1.5 mils wet, with an overnight cure between coats. Before application of the second coat, the first coat was lightly sanded with 400 grit sand paper. The panels for Taber Abrasion were allowed to cure for 5 days at room temperature and then half a day at 120 degrees F.

TEST RESULTS

The test results are shown in the following Table.

ASTM TEST CONDUCTED	FORMULA #1	FORMULA #2
ASTM D 4060 Taber Abrasion	MicroGuard AD703	MicroGuard AD708
Test Results	20.5 mg film loss	24.5 mg film loss

DL Labs, Inc.
Thomas J. Silva
Vice President/Technical Director