



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

SHERWIN-WILLIAMS AUTOMOTIVE FINISHES CORP.

Warrensville Heights, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).



Presented this 10th day of April 2009.



President & CEO

For the Accreditation Council

Certificate Number 1176.01

Valid to April 30, 2011

Revised January 20, 2010

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SHERWIN-WILLIAMS AUTOMOTIVE FINISHES CORP.

Testing Laboratory
4440 Warrensville Center Road
Warrensville Heights, OH 44128
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MECHANICAL

Valid To: April 30, 2011

Certificate Number: 1176.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on paints:

<u>Test Description</u>	<u>Test Method(s)</u>
Salt Fog (Spray) / Corrosion	ASTM B117; FLTM BI 103-01, FLTM BI 123-01; GM4298P; JIS Z2371; ISO 9227
Flexibility Resistance (Mandrel)	ASTM D522; 463PB44-01; (Frt) 49-00087; GM9503P; MES MN601; TSH 1504G; WSS-M15J13-A (3.7.23), WSS-M15J15-A (3.5.20), WSS-M9J385-A (3.7.23); ISO 6860, ISO 1519
Gloss	ASTM D523; FLTM BI 110-01; JIS Z8741; (Mack) 617GS133; GT-6B; (Volv) STD 1026-5272; ISO 2813; TSH1519G
Appearance Evaluation	ASTM D714, ASTM D1654, ASTM D610;(Volv) STD 1027-051; ISO 4628-2, -1
Water Immersion	ASTM D870; FLTM BI 104-01; MES MN601; GT-7G; TSH 1505G
Chemical Resistance / Spot Tests	ASTM D1308, ASTM D5402, ASTM D4752; 463KC21-01, 463PB07-01, 463PB08-01, 463PB31-01; DVM0036, DVM0039; FLTM BI 113-01, FLTM BI 113-02, FLTM BI 113-03, FLTM BI 113-06, FLTM BI 113-07, FLTM BI 152-01, FLTM BO 101-05; (Frt) 49-00087; GM9069P, GM9240P, GM9500P, GM9501P, GM9509P, GM9517P, GM9533P (Meth 2 & 3), GM9736P, GM9900P; GMN10033; JDH 612; (Mack) 617GS120, (Mack) 617GS133; MES MN601; GT-14A; CS0033; TSH 1509G, TSH 3130G, TSH 1508G (2.1.1 and 2.1.2); (Volv) STD 1026-8177; WSS-M15J13-A (3.7.21), WSS-M15J14-A(3.5.13); WSSM-M15J15-A(3.5.13), WSSM-M15J16-A(3.5.13), WSSM2P188-A (3.6.15);

Chemical Resistance / Spot Tests (Continued)	WSS-M99J385-A(3.7.0); GMW14333, GMW14701, GMW14867 (3.6), GMW14445, GMW14334, GMW14867(3.3)
Water Fog / Humidity / Condensation Exposure	ASTM D1735, ASTM D4585; GM4465P; MES MN601; GT-7E; GMW14729; TSH 3130G (4.7)
Hardness Evaluation	ASTM D3363; GM9507P; MES MN601; GT-4D; TSH 1539G; GMW14698
Evaluation of Color Differences	ASTM D2244; JIS L0805; ISO 7724/3,2,1
Impact Resistance	ASTM D2794, ASTM D3763 (-30°C to 0°C), ASTM D5420; 463PB19-01; FLTM BO 117-02; GM9904P (0°C to -30°C); MES MN601; ISO 6272- 2; TSH 1504G (2.1)
Chip Resistance (Gravelometer)	ASTM D3170; GM9508P; MES MN601; SAE J400; (Volv) STD 1024-7132; GMW14700 (Methods B and C)
Adhesion	ASTM D3359; FLTM BI 106-01, FLTM BI 106-02; GM9071P, GM9502P; JIS D0202; MES MN601; GT-5A, GT- 5C; (Volv) STD 1029-5472, (Volv) STD 1029-5473; JDH 612; ISO 2409; GMW14829; TSH 1503G,
Abrasion / Scuff / Wear Resistance	ASTM D4060; 463KB06-01; FLTM BN 108-02, FLTM BN108-04, FLTM BN108-13; GM9082P, GM9515P; MES MN601; SAE J365, SAE J948; TSH 3130G (4.14); GMW3208
Measurement of Dry Film Thickness	ASTM D4138 (Method B)
Accelerated Artificial Weathering	ASTM G151, ASTM G153, ASTM G154, ASTM G155; FLTM BO 101-01, FLTM BO 116-01; GM9125P; JIS D0205; MES MN601; SAE J1885, SAE J1960, SAE J2020, SAE J2527, SAE J2412; TSH 1582G, TSH 3130 (4.17); ISO 11507
Fogging Resistance	SAE J1756; TSM 0503G
Environmental Cycles	FLTM BQ 104-07; (Frt) 49-00087; GM9505P (C & D); SAE J2100; STD 1027-3375; LP-463PB-22-01; MES MN601; WSS-M15J13-A (3.7.7), WSS-M15J14-A (3.5.7), WSS- M15J15-A (3.5.7), WSS-M15J16-A (3.5.7), WSS-M2P188-A (3.6.8), WSS-M99J385-A (3.7.7); GMW14124
Mar Resistance	463PB43-01, 463PB54-01; FLTM BI 161-01; GT-12; GM9150P, GMN3943
Odor Evaluation / Mildew Growth	FLTM BO 131-01; GM9128P; SAE J1351; GMW3205
Brittleness Evaluation	(Frt) 49-00023; GM9506P
Oven Aging / Heat Resistance	MES MN601 ; GM9504P; GMN10083 (3.10); WSS-M15J13-



A (3.7.6), WSS-M15J14-A (3.5.6), WSS-M15J15-A (3.5.6),
WSSM-M15J16-A (3.5.6), WSS-M2P188-A (3.6.7), WSS-
M99J385-A (3.7.6); GMW14867 (3.9)

Hydrolysis Resistance

FLTM BI 106-03

Migration Staining / Print Resistance /
Soiling & Cleanability

FLTM BN 103-01, FLTM BN 112-08; TSH 3111G,
TSH 1501G (2.1); GM9126P, GM9141P

Crockmeter Evaluation

FLTM BN 108-10, FLTM BN 107-01; GM9033P; SAE J861;
ISO 20433

Conductivity

GT-18; CS0033; GM9523P

Orange Peel Evaluation

CS0033

