



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TECHNICAL FINISHING, INC. – TEST LABORATORY
 5174 Commerce Road
 Flint, MI 48507
 Brian J. Aherne Phone: 810-230-7965

MECHANICAL

Valid until: June 30, 2018

Certificate Number: 1538.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on painted plastic – plaques and automotive components:

<u>Test</u>	<u>Test Method(s)</u>
Adhesion	ASTM D3359; Ford FLTM BI 106-01; GMW 14829; ISO 2409
Blistering of Paints	ASTM D714
Checking Evaluation	ASTM D660
Chemical Resistance to Fluids	GMW 14334, Code A and B only
Chip Resistance – Gravelometer	ASTM D3170; GMW 14700, Methods B and C; SAE J400
Cold Checking Resistance	Ford FLTM BI 107-02
Color Difference – Visual	ASTM D1729
Cracking Evaluation	ASTM D661
Cure/Solvent Rub	GM9509P (Superseded 2013) ¹ ; GMW 15891, GMW 14867, Sec. 3.3
Dry Film Thickness – Microscope	GM9518P (Cancelled 2010) ¹

Test**Test Method(s)**

Effect of Cleaners/Solvent Resistance	GMW 14867, Sec. 3.6.1.1
Environmental Cycles Cycle Testing – Cycle Crack	Chrysler LP-463PB-22-01; Ford FLTM BQ 104-07, Method 1 Procedures 1-6; GM9505P (Superseded 2012) ¹ ; GMW 14124 (A, C, D, E, I, K, L, O)
Fuel Resistance – Dip	GM9501P, Method A (Superseded 2009) ¹ ; GMW 14333 Code A
Fuel Resistance – Immersion	GM9501P, Method B (Superseded 2009) ¹ ; GMW14333, Code B
Fuel Resistance	Ford FLTM BO 101-05 (Drip 5 ml/min)
Fluid Resistance	Chrysler LP-463PB-31-01 B, C, D, F, J, K; Ford FLTM B1 168-01; GMW 14334, Codes A, B, X
Gloss – Specular	ASTM D523
Hardness – Pencil	ASTM D3363
Hardness – Thumbnail	GM9507P (Canceled 2011) ¹
Heat (Oven) Aging	GMW 14867, Sec. 3.9
Heat Resistance	Chrysler LP463LB-13-01
Hydrolysis/Humidity Resistance	Ford FLTM BI 106-03
Impact – Gardner	ASTM D5420
Insect Repellent Resistance	DVM-0039; Ford FLTM B1-113-08; GMW 14445
Mandrel Bend	ASTM D522, Method B; GM9503P M1/M2 (Superseded 2012) ¹ ; GMW 16746
Mar Resistance	Ford FLTM BI 161-01
Mar Resistance – Crock	Chrysler LP-463PB-54-01



Test**Test Method(s)**

Resistance of Coatings to Chemical Etching and Distortion

GMW 14701 Methods 2 and 3

Scratch Test – Visual

Chrysler LP-463DD-18-1;
Ford FLTM BN 108-13 (Superseded 01/09)¹,
Ford FLTM BO 162-01;
GMW 14698

Sunscreen Resistance

DVM-0036;
Ford FLTM BI 113-08;
GMW 14445

Thermal Shock

Chrysler LP-463PB-64-01;
Ford FLTM BI 107-05;
GM9525P (Cancelled 2009)¹;
GMW 15919

Water Fog Resistance

ASTM D1735;
GMW 14729

Water Immersion

ASTM D870;
Ford FLTM BI 104-01;
GMW 14704

Water Jet

GM9531P Method B (Superseded 03/12)¹
GMW 16745 Method B

¹ This laboratory's scope contains superseded and cancelled methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

TECHNICAL FINISHING, INC. - TEST LABORATORY

Flint, MI

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 7th day of September 2016.

A handwritten signature in blue ink, appearing to read "Jim C. Bunt".

Senior Director, Quality and Communications
For the Accreditation Council
Certificate Number 1538.01
Valid to June 30, 2018

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