



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PPG COATINGS SERVICES– METOKOTE CORPORATION
PERFORMANCE TESTING LABORATORY
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MECHANICAL

Valid To: October 31, 2019

Certificate Number: 0606.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following performance tests on automotive and metal products:

<u>Test</u>	<u>Test Method(s)</u>
Conical/Cylindrical (Mandrel Bend)	ASTM D522; FLTM BI 105-01; GT4C; HES D6501-3.10, -3.11; ISO 6860; JDQ 116; LP-463PB-44-01
Corrosion Creepback	GM9102P (Superseded 2012) ¹ ; GMW15282
Cyclic Corrosion	ASTM G85, Method A5.1; CCT-I, CCT-IV, CCT(SEO), CCT(SGO); FLTM BI 104-07 (Sections 1-6, 10-15); GM9505P (Cycle J, Inactive 2010) ¹ , GM9511P (Superseded 2010) ¹ , GM9540P (Superseded 2010) ¹ , GMW14124 (Cycle J), GMW15288; GT14C; HES D6501-3.20.1, -3.20.2; LP-463PB-52-01, -22-01; SAE J2334
Degree of Blistering	ASTM D714
Degree of Rusting	ASTM D610, D1654
Dime Scrape	GM9506P (Inactive 2013) ¹
Edge Coverage	GM9632P (Superseded 2015) ¹ ; GMW17218
Film Thickness	ASTM D1186 (Method B, Withdrawn 2001) ¹ , ASTM D7091 (Type 2); FLTM BI 117-01; GM4260P (Method 8, Inactive 2013) ¹ ; HES D6501-3.2.2; ISO 2808 (Methods 7C, 7D); LP-463PB-42-01 (Cancelled 2002) ¹
Fluid Resistance ²	FLTM BI 113-05, BI 168-01; GM9500P (Inactive 2010) ¹ , GM9501P (Inactive 2010) ¹ , GM9533P (Inactive 2009) ¹ ; GT7H, GT7J, GT7K, GT14B; HES D6501-3.21, -3.22, -3.23, -3.24, -3.28.2, -3.28.3, -3.28.4; JDQ 138, JDQ 142; LP-463PB-31-01, -06-01, -53-01

<u>Test</u>	<u>Test Method(s)</u>
Gloss (20°, 60°, 85°)	ASTM D523; FTLM BI 110-01; GT6B; HES D6501-3.3, -3.31; JDQ 12; LP-463PB-11-01 (Change F, Superseded 2003) ¹
Gravelometer (Chip Resistance)	ASTM D3170; FTLM BI 007-01, BI 107-01, EU-BI 007-01; GM9508P (Superseded 2010) ¹ ; GMW14700; GT28, GT30; HES D6501-3.33; JDQ 118; LP-463PB-39-01; SAE J400
Humidity	ASTM D1735, D2247, D4584; GM4465P (Superseded 2011) ¹ ; GMW14729; GT7E; HES D6501-3.19; JDQ 120; LP-463PB-09-01; LRLTM.30.CT.900; ISO-6270-2(CH)
Impact Resistance	ASTM D2794; FTLM BI 108-01; HES D6501-3.8, -3.9; ISO 6272-2 (Except 7.3); JDQ 117; LP-463PB-19-01
Pencil Hardness	ASTM D3363; FLTM BI 151-01; GT4D; HES 6501-3.5; JDQ 11; LP-463PB-2-01
QUV (Accelerated Weathering)	ASTM D4587, G53-96 (Withdrawn 2000) ¹ , G154; SAE J2020
Resistance to Humidity/Salt Spray	LRLTM.30.CT.107 (Method 2)
Salt Spray	ASTM B117; FLTM BI 103-01; GM4298P (Superseded 2010) ¹ ; GMW3286; GT7D; HES D6501-3.15.1, -3.15.2; ISO 9227 (NSS); JDQ 115; LP-463PB-10-01; LRLTM.30.CT.117
Salt Water Soak	Honda 5100Z-SEO-000 (Section 6.3), Honda 5100Z-SGO-A000 (Section 6.3); LRLTM.30.CT.109; MS-PB1-2-3.1.2; Honda 5100Z-TRO-6000 (6.5)
Solvent Rub	ASTM D4752, D5402 (Method A); FTLM BI 152-01; GM9509P (Superseded 2012) ¹ ; GMW15891; GT14A, GT9B; HES D6501-3.36; LP-463PB-07-01 (Superseded 2002) ¹
Tape Adhesion	ASTM D3359; FLTM BI 106-01; GM9502P (Inactive 2012) ¹ , GM9071P (Superseded 2012) ¹ ; GMW 14829; GT5A; HES D6501-3.6, -3.7; JDQ 17; LP-463PB-15-01 (Superseded 2002) ¹ ; LRLTM.30.AD.102
Temperature Cycling	CEM GT-8; JDQ 149
Thumbnail Hardness	GM9507P (Inactive 2011) ¹
Water Immersion ¹	ASTM D870; Caterpillar MG1004-151; FLTM BI 104-01, -04, BI 106-03; GM4466P (Superseded 1995) ¹ ; GT7G; HES D6501-3.18, -3.37; LP-463PB-45-01 (Superseded 2002) ¹ ; GMW14669 Sec 4.8
Wrinkling	Caterpillar MG1004-175

¹This laboratory's scope contains withdrawn or superseded 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

²The following fluids are available to perform Fluid Resistance Tests Per Individual Specification: Alkali, Antifreeze (Ethylene Glycol), Brake Fluid, Engine Shampoo, Ethyl Alcohol, Gasoline/Petroleum Naptha, Hydrochloric Acid, Malathion, Methyl Acetate, Motor Oil, Power Steering Fluid, Refrigerant Oil, Sulfuric Acid, Toluene, Transmission Fluid and Windshield Wiper Fluid.

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Accredited Laboratory

A2LA has accredited

PPG COATINGS SERVICES – METOKOTE CORPORATION

Lima, 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 22nd day of November 2017.

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President & CEO
For the Accreditation Council
Certificate Number 0606.01
Valid to October 31, 2019

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