

# PAINT, COATING AND POLYMER TESTING *SINCE 1999*

*Our business : Providing Results and Value*  
*ISO 17025 Accredited*



*Micom Laboratories Inc. is established in Dorval, Quebec, since 1999. Micom offers a complete range of testing services for coatings, paints and electroplating. Micom specializes in the accelerated aging, physical and mechanical tests by using well-known standards, such as:*

*Salt spray, Xenon Arc, QUV, color, gloss, abrasion resistance and many more.*

*Our promise: Beyond testing, we will advise you in selecting the right test methods and conditions to obtain meaningful results addressing your specific needs as well as help you finding cost effective solutions.*

## SURFACE FINISH LABORATORY TESTING

A scientific approach to surface finishing problems.

Micom Laboratories Inc. offers testing services on coatings, paints and polymers to a wide range of industry types. That your products are intended for the aerospace, automotive or any other industry, Micom offers you the necessary testing services to satisfy your needs and those of your customers. Whether it is for ultraviolet exposure, corrosion testing, temperature and humidity cycling, and many other surface finish tests, our experts will be happy to help you put together a meaningful test plan that will address your needs and give you meaningful answers.

With more than 50 years of cumulative specialized technology testing expertise, our multiple accreditations, in-depth experience and absolute

commitment to customer care, our team of experts does more than simply test your products. Micom Laboratories Inc. strives to deliver material testing services of outstanding value with pertinent recommendations to our diverse customer base.

## Serving a Wide Range of Industries

Micom offers surface finishes testing to a wide range of industries both in Canada and in the US.



• **ELECTRONIC:** Smart, TM4, Belden, Bionx



• **AEROSPACE:** Bombardier Aerospace, Zodiac Aerospace, Hutchison Aero.



• **POLYMER:** IPL, Soucy Group, Urethane Technology



• **INDUSTRIAL:** Herman Miller, Venmar, Tafisa



• **ENTERTAINMENT:** Cirque du Soleil, Show Canada, Stageline



• **COATINGS:** Rustguard



• **AUTOMOTIVE:** Bombardier Recreational Products, Volvo Group, Consolidated Metco, Waterville TG



• **HEALTH SCIENCES:** ArjoHuntley, CAE Healthcare



• **CONSUMER PRODUCTS:** Artika, Anseco Group, Loblaws

## Recognized Testing Laboratory

Micom is a recognized source of laboratory testing for surface finishing by major businesses and organizations. As such Micom is an ISO 17025 accredited laboratory. This accreditation is equivalent to ISO 9001 with additional performance requirements.

### Most frequently used test methods :

- Xenon Arc Exposure: ASTM G155
- QUV Exposure: ASTM G154
- Salt Spray testing: ASTM B117
- Cyclic Corrosion Testing: ASTM G85
- Conical Mandrel: ASTM D522
- Specular Gloss: ASTM D523
- Moisture absorption: ASTM D570
- Coating Film thickness: ASTM D1196
- Hardness: ASTM D2240
- Color Measurement: ASTM D2244
- Adhérence de la peinture: ASTM D3359
- Scratch Resistance: ASTM D3363
- Abrasion Resistance: ASTM D4060
- Gardner Impact: ASTM D2794
- Cyclic Salt Fog & UV exposure: ASTM D5894
- Friction Coefficient: ASTM D1894

«WHEN IT COMES DOWN TO COATINGS; WE SEE BEYOND THE SURFACE».

## BEYOND COATING TESTING

Micom Laboratories' offer goes well beyond paints and coatings testing; we can test your products, materials and packagings for a myriad of parameters such as temperature and humidity cycling, wear fatigue testing or mechanical properties. The essence of what we do is to simulate real life, in the laboratory under controlled yet accelerated conditions. Our material testing experts will be happy to help you put together a meaningful test plan that will address your needs and give you real answers. With years of specialized technology testing expertise, in-depth experience and absolute commitment to customer care, our team of experts does more than simply test your products. Micom Laboratories strives to deliver material testing services of outstanding value to our diverse customer base.

### Made-to-measure Material Testing

Micom offers a wide variety of mechanical and physico-chemical material testing according to various standards, such as ASTM, CGSB, ISTA, ANSI, CSA, ISO and many others. Our specialists can also provide you with made-to-measure material tests, focused on your specific needs.

### *Raw Materials & Finished Products Testing*

Our know-how and our facilities allow us to test a wide range of raw materials and finished products. Whether you need cold chain testing, consumer products, composite materials, or accelerated aging, we are always available to support your technical needs.

### *Prototypes and Simulated Use Testing*

Our facilities are also equipped to test prototypes, simulate intensive use of products and materials either to validate your design or investigate a field failure. Our quality control system complies with ISO 17025.

## MATERIAL TESTING “À LA CARTE”

- Tensile Strength - ASTM D-638, D-412, D-882...
- Compressive Strength - ASTM D-695, D-2990, D-4762
- Flexural Strength - ASTM D-790
- Foam - ASTM D-3574
- Latex - ISO 10282 & 11193
- Moisture Absorption - ASTM D-570
- Particle Board Testing - ASTM D-1037
- Specific Gravity - ASTM D-792

### Climate Exposure:

- Climatic chambers - Humidity, temperature cycling
- -73°C to +150°C, 10 - 95% RH
- U.V. exposure - ASTM G-155, G-154
- Salt spray - ASTM B-117, G-85
- Accelerated temperature aging
- Field failures laboratory simulations
- Thermal shocks
- High & low temperature tensile & compression tests
- Long term exposure for stability studies

### Other Tests and Services:

- Computer data acquisition and control
- Custom testing
- Hazardous Products act (e.g. testing of lighters)
- Research and development

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TEST LAB WHEN  
IT COUNTS»

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AND VALUE»

