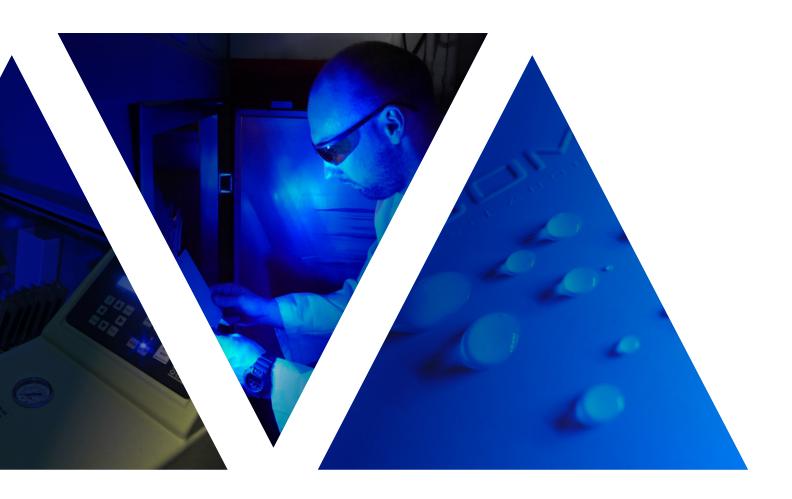
PAINT, COATING AND POLYMER TESTING SINCE 1999

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 standards. 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 tangible 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

Paint Adherence: 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.

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
- Sun 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

«MICOM: YOUR TEST LAB WHEN IT COUNTS»



«OUR BUSINESS: PROVIDING RESULTS AND VALUE»

