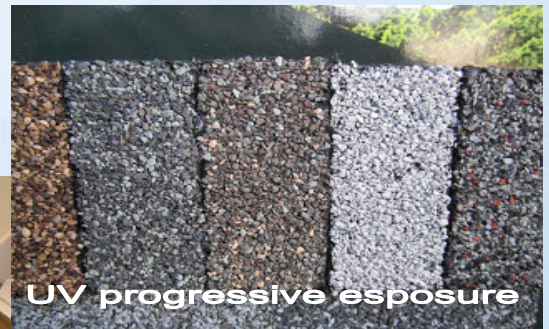


Tests for the Coating, Paint and Electroplating Industries



Samples corroded in laboratory



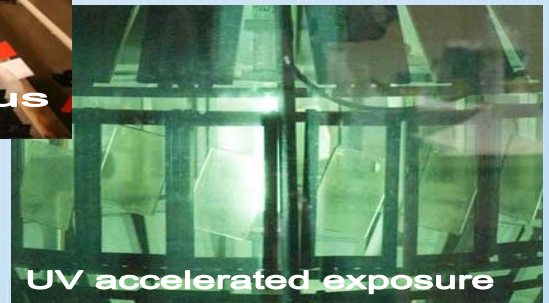
UV progressive exposure



Scratches resistance



Salt spray apparatus



UV accelerated exposure

Micom Laboratories Inc. is established in Dorval, Quebec, since 1999. Micom offers a complete range of testing services to the coating, paint and electroplating industry. Micom specializes in the accelerated ageing, physical and mechanical tests by using well-known standards, such as:

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

1-888-99-MICOM

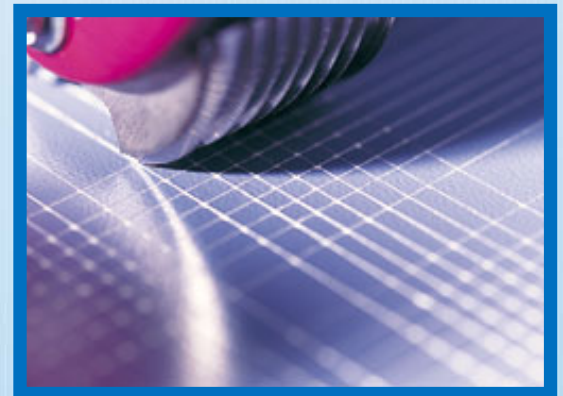
Tests for the Coating, Paint and Electroplating Industries

Micom Laboratories Inc. offers testing services for a wide range of materials and products. Our services are among others offered to the coating, paint and electroplating industry. That your products are intended for the aerospace, car or manufacturing industry, Micom offers you the necessary testing services to satisfy your needs and those of your clients. Whether it is for temperature and humidity cycling, ultraviolet exposure, surface finishes, packaging testing or mechanical properties, 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 more than 15 years of 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.

SURFACE FINISHES TESTS:

- Specular Gloss – ASTM D-523
- Conical Mandrel – ASTM D-522
- Hardness – ASTM D-2240
- Color Measurement – ASTM D-2244
- Abrasion Resistance – ASTM D-4060
- Coating Film thickness – ASTM D-1196
- Adhérence de la peinture – ASTM D-3359
- Salt Spray exposition – ASTM B-117 and many more
- Resistance to scratches – ASTM D-3363
- Moisture absorption – ASTM D-570
- Xenon Arc Exposure – ASTM G155
- QUV Exposure – ASTM G154
- Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation Impact – ASTM D-2794
- Friction Coefficient – ASTM D-1894
- Coating Film thickness – ASTM D-1196



NEW SERVICES: ACCELERATED CORROSION TEST (ASTM B-117)

ACCELERATED AGING:

UV exposure:

- Xenon Arc exposure – ASTM G155
- ASTM D-4587
- Q-UV exposure – ASTM G154
- SAE J-2020
- SAE J-2412

Corrosion:

- ASTM B-117
- ASTM D1735
- ASTM D2247
- ASTM D-714
- ASTM D-1654
- SAE J14563
- ASTM G85, Annex 1, 2, 3 & 5
- MIL STD 202F
- MIL STD 810E
- MIL STD 883C
- GM 4298P
- ISO 7253



Did you know?

In 2002, Federal Highway Administration of the United States published a study titled Costs of corrosion and preventive strategies in the United States on the direct costs associated to the metal corrosion in the American industry. In 1998, the annual total cost of the corrosion in the United States was about 276 billion (about 3.2 % of the US gross domestic product).

Other ageing processes:

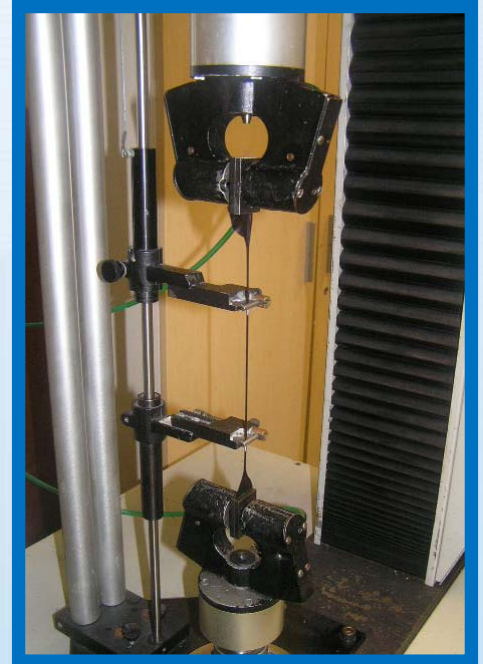
- Temperature/humidity exposure
- Dry heat exposure
- Condensing humidity exposure
- Temperature/humidity cycling
- Thermal shocks
- Friction



BEYOND SURFACE FINISHES TESTING

MATERIAL PROPERTIES:

- Tensile Strength - ASTM D-638, D-1623, D-2990, D-5574
- Compressive Strength - ASTM D-695, D-2990, D-4762
- Flexural Strength - ASTM D-790, D3043, D-5616
- Foam - ASTM D-3574
- Moisture Absorption - ASTM D-570
- Particle Board Testing – ASTM D-1037
- Specular Gloss – ASTM D-523
- Conical Mandrel – ASTM D-522
- Hardness – ASTM D-2240
- Color Measurement – ASTM D-2244
- Abrasion Resistance – ASTM D-4060
- Flatwise Tensile Strength of Sandwich Constructions – ASTM C-297
- Coating Film Thickness – ASTM D-1196
- Paint Adhesion – ASTM D-3359
- Salt fog exposure – ASTM B-117



PACKAGE TESTING:

- ISTA 1a, 1b, 1c, 1d, 1e, 1f, 1g, 1h, 2a, 2b, 2d, 2e, 3a, 3e, 3f, 3h, 5b, 7a to 7d
- Vibration (ASTM D 999, A1, A2)
- Drop (ASTM D 5276)
- Compression (ASTM D 642)
- Incline Impact (ASTM D 880)
- Temperature and humidity cycling
- Packaging design and optimization
- Accredited by the International Safe Transit Association (ISTA)
- Transport Canada recognition for Hazardous Materials Packaging Testing (UN boxes)



CORRUGATED CARDBOARD:

- Burst (Mullen) (T 807,810)
- Construction
- Board Thickness (T 411)
- Pin Adhesion (T 821)
- Coefficient of Friction (T 815)
- Flat Crush (T 825)
- Score Quality Test (T 829)
- Edge Crush Test (T 811)
- Water Absorption of Corrugated Medium
- Water Drop (T 835)
- Float Curl (T 832)
- Tensile Strength (T 494)
- Moisture Content at Equilibrium (T 412)
- Tear Resistance (T 414)



OTHER SERVICES AND TESTS:

- Various flammability tests
- Computer data acquisition and control
- Stress testing
- Electrical testing
- Custom testing
- Hazardous Products act, (lighters)
- Research and development
- Other ASTM test methods
- Scientific expertise and consulting services



QUESTIONS?

Call our experts, they will be happy to answer your questions.

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