



ORDER FORM EXPOSURES & EVALUATIONS

(See price list/catalog for pricing.)

OFFICE USE ONLY

Test No.: _____
 Q T No.: _____
 Code No.: _____
 Specimens Checked OK: _____
 Date Exposed: _____
 Exposure Location: _____
 Radiation Log: _____
 Ship Method: _____
 Account No.: _____
(if collect)

■ BASIC INFORMATION

Contact Ref No.: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Name: _____ E-mail: _____

Tel: _____ Ext. _____ Fax: _____

Specimen Type: _____

Ship to address (if different from above): _____

■ SPECIMEN IDENTIFICATION (Use table below, or separate sheet of paper.)

Specimen ID/Description	Number of Replicates	Size	Subdivisions (If Applicable)

■ COMPLETE EXPOSURE PACKAGES FOR WEATHERING & CORROSION

Q-Lab has put together a series of industry-specific testing packages to make it easy for you to get started in exposure testing. Each is a complete exposure testing program. See our catalog for a full description of each package. You can choose one of the pre-packaged exposure programs below, or design your own testing program from our list of individual services on the following pages.

General Test Packages
<input type="checkbox"/> Paint & Coatings Package
<input type="checkbox"/> 3D Parts Package
<input type="checkbox"/> Industrial-Textile Package
<input type="checkbox"/> Indoor Lightfastness Package
<input type="checkbox"/> Q-Trac Package
<input type="checkbox"/> Custom-Designed Package 1 / Description:
<input type="checkbox"/> Custom-Designed Package 2 / Description:

Specific Test Packages
<input type="checkbox"/> ASTM D5894 Combined Weathering/Corrosion
<input type="checkbox"/> AAMA 605.2 Architectural Aluminum Extrusions
<input type="checkbox"/> CHRYSLER LP463PB-34-01 Florida Weathering of Automotive Materials
<input type="checkbox"/> GM 9163P Florida Weathering / Automotive Mat.
<input type="checkbox"/> FORD FLTM B1 160-01 Florida Natural Weathering of Automotive Materials
<input type="checkbox"/> SAEJ1976 Natural Weathering / Automotive Mat.
<input type="checkbox"/> SAEJ576 Automotive Plastic Lens
<input type="checkbox"/> GM 4350M Paint Finishes

OUTDOOR EXPOSURE ORDER FORM

(Use this page to order specific outdoor exposure services.)

■ **STANDARD / SPECIFICATION:** _____

Florida Arizona Ohio Minnesota Other: _____

■ **RETURN SCHEDULE:**

Monthly Quarterly Semi-Annual Annual Open-Ended

Other: _____ Total MJ/m² _____ Total MJ/m² of UV _____

■ **EXPOSURE METHOD:**

Direct Exposures

- Direct Weathering
- Salt Spray
- Black Box
- In-Service Position
- Mildew Enhanced

Angle of Exposure

- 45 Degrees
- 5 Degrees
- 90 Degrees
- 90 Degrees Offset Rack
- Latitude
- Variable
- Other _____

Under Glass Exposures

- Under Glass (Standard)
- Under Glass (Black Box)
- Under Glass (Scaled)

Glass Type

- Window Glass (Single Strength)
- Auto Glass (Double Strength)
- Tinted Glass
- Laminated Glass

Orientation

- South Facing
- North Facing
- Tracking
- Other _____

Mounting Types

- Open
- Backed
- Mesh
- Coded Side to Sun
- Uncoded Side to Sun

Q-Trac Natural Sunlight Concentrator

- Desert Cycle
- Spray—1 Cycle
- Spray—2 Cycle
- Freeze / Thaw
- Interior

■ **SERVICES REQUESTED:**

■ **MASKING** : Yes (initial) Scheduled No **SCRIBING** : Describe Type: _____

Masking Schedule: Calendar _____ Radiant Exposure _____ Other _____

Masking Area: Standard Other _____ top _____ bottom _____ portion _____ inches or cm

■ **CLIPPING / CUTTING** : Describe Type: _____

Clip Schedule: Monthly Quarterly Semi-Annual Annual

Other: _____ Total MJ/m² _____ Total MJ/m² of UV _____

■ **FIELD RINSING** : Monthly Other: _____

■ **SPECIAL INSTRUCTIONS:** _____

Does Specimen require further modification before exposure? Yes No Describe: _____

Is any specimen conditioning to be done before exposure? Yes No Describe: _____

Are unexposed file specimens included with test specimens? Yes No Describe: _____

Send all **FLORIDA OUTDOOR** Exposures to:

Q-Lab Weathering Research Service
1005 SW 18th Ave., Homestead, FL 33034
Tel. 305/245-5600 Fax: 305/245-5656

Send all **ARIZONA OUTDOOR & Q-TRAC** Exposures to:

Q-Lab Weathering Research Service
24742 West Durango St., Buckeye, AZ 85326
Tel. 623/386-5140 Fax: 623/386-5143

E-Mail: q-lab@q-lab.com

SPECIMEN EVALUATIONS

■ INSTRUMENTAL MEASUREMENTS:

Unless otherwise instructed, Q-Lab will conduct instrumental appearance measurements on the washed portion of the test specimen. We recommend that all specimens be washed prior to measuring.

GLOSS: Washed Polished Uncleaned

Angle: ___ 20 degrees ___ 60 degrees ___ 85 degrees

Schedule: Calendar _____ Radiant Exposure _____ Hours _____

IMAGE CLARITY: Washed Polished Uncleaned

___ Distinctness of Image ___ Specular Reflectance ___ 2 Degree Haze

Schedule: Calendar _____ Radiant Exposure _____ Hours _____

INSTRUMENTAL COLOR: Washed Polished Uncleaned

Scale: ___ CIE LAB ___ CIE YXZ ___ Hunter LAB ___ Y I ___ W I **Geometry:** ___ 45 /0 ___ Diffuse/8 (sphere)

Illuminant: ___ A ___ C ___ D65 ___ F **Observer:** ___ 2 ___ 10 **Specular Component:** ___ Included ___ Excluded

Schedule: Calendar _____ Radiant Exposure _____ Hours _____

DRY FILM THICKNESS:

Schedule: Calendar _____ Radiant Exposure _____ Hours _____

■ **REPORTS:** Evaluations are conducted according to published standards, please specify.

ASTM ISO Other: _____

Standard Report Descriptive Report Photographs Electronic: ___ Disk ___ E-mail (addr _____)

Other: _____

■ **CONDITIONING & HANDLING SERVICES:**

Washing: ___ Water Only ___ Soap Solution ___ Flushing

Wash Area: ___ All ___ Half ___ Quarter ___ Third
 ___ Bottom ___ Left ___ Top ___ Right

Schedule: ___ At Time of Service

Other: _____

Polishing: (includes a pre-wash)

Polish Area: ___ All ___ Half ___ Quarter ___ Third
 ___ Bottom ___ Left ___ Top ___ Right

Schedule: ___ At Time of Service

Other: _____

■ **MECHANICAL TESTS:**

SCHEDULE:

Calendar _____

Radiant Energy _____

Number of Hours _____

IMPACT: Specification: _____

CHIP IMPACT: Specification: _____

BEND: ___ Mandrel ___ Conical

ADHESION: Specification: _____
 ___ Gravelometer Chipping
 ___ Gravelometer & Tape Adhesion
 ___ X-Scribe & Tape Adhesion
 ___ Cross Hatch & Tape Adhesion

ABRASION: Specification: _____

TENSILE: Specification: _____
 ___ Load to Break ___ Elongation ___ Elasticity
 Other: _____

PENCIL HARDNESS: ___ Pass / Fail ___ Determine
 Specification: _____

SPECIMEN WEIGHING:
 Specification: _____

■ **VISUAL INSPECTIONS:** ___ Yes ___ No

Inspection Schedule:

Calendar Radiant Exposure Hours

Specify Duration: _____

Chalk Rating: ___ Felt ___ ASTM Tape ___ TNO Tape

Scribed Area Rust Rating: ___ Yes ___ No

Specific Developments: _____