

# **Q-LAB**

Q-Lab Weathering Research Service  
1005 S.W. 18 Avenue  
P. O. Box 349490  
Homestead, FL 33034

## **TEST CERTIFICATE**

Laboratory Testing

July 21, 2004


Test Number: AAM-0002  
Company: Armor Auto  
Address: 2005 Brooks Street  
Missoula, MT 59801  
  
Attention: Mr. John Ryan  
Your Reference: PO# 91-5585  
No. Of Specimens: 3 coated metal panels  
Specimen Identification: Freeze: 1, 2, 3

Test Method: SAE J400  
Deviations: None  
Exposure Date: July 12, 2004  
Completion Date: July 13, 2004  
Exposure Duration: N/A  
Exposure Type: Chip Resistance Test  
1 pint gravel, 70 psi, 90° orientation, Preconditioned to -30°C

Test Equipment Used: Multi Test Gravelometer

Inspection Report: July 13, 2004

By:

  
George Jaramillo  
Laboratory Technician

Approved By:

  
Thomas Allie  
Laboratory Manager



**INSPECTION REPORT**

**Q-Lab Weathering Research Service**

This inspection report contains only findings and results arrived at after employing the specific test procedures listed in the Test Confirmation. It does not constitute a recommendation for, endorsement of, or certification of the product or material tested. Q-Lab Weathering Research Service makes no warranty, expressed or implied, except that the test has been performed, and a report prepared, based upon the specimen or specimens furnished by the client. Extrapolation of data from the specimen or specimens relating to the batch or lot from which it was obtained may not correlate and should be interpreted accordingly with extreme caution. We assume no responsibility for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by other persons or under conditions over which we have no control. This report shall not be reproduced except in full without the written approval of Q-Lab Weathering Research Service.

**CLIENT:** Ammor Auto LLC  
**ADDRESS:** P.O. Box 3974, 2005 Brooks Street  
Missoula, MT 59801

**TEST NO:** AAM-0002  
**REPORT NO:** 1A

**ATTN:** Mr. John Ryan

**DATE:** July 13, 2004

**YOUR REFERENCE:** PO# 91-5585

**DATE EXPOSED:** July 13, 2004

**DURATION:** N/A

**TYPE:** Chip Resistance Test

**SPECIMENS:** 3 coated metal panels

**CONTENTS:** Cover Sheet: Page 1  
Report: Page 2  
Legend (not numbered)

**NOTES:** Testing and chip ratings performed to SAE J400.  
\*Panels tested at room temperature showed coating damage from primer to topcoat on narrow right side of panels #2 & #3 and topcoat only on remainder of surface for all three panels.

**Inspected By:** Thomas M. Ailie 

**Approved By:** Terrika Mack 





## TEST CONFIRMATION

Q-Lab Weathering Research Service

To our Client:

Your test specimens have been received by us and weathering testing commenced according to the following:

**Company:** Armor Auto  
**Address:** PO Box 3974  
Missoula, MT 59806

**Test No:** AAM-0001  
**Customer No:** AUT056  
**QT No:** X02749

**Attn:** Mr. John Ryan  
**Phone:** 800-433-6903 Ext.

**Your Ref:** PO# 81-049145  
**Date:** July 21, 2004

**Specimen Description:**

4 coated metal panels  
4" x 12"

**Specimen Condition:**

All specimens were received in good condition except:  
No Exception

**Test Description:**

**Date Exposed:** February 2, 2004  
**Type of Test:** Chip Resistance Test  
**Test method:** SAE J400      **Deviation:** No  
**Device Used:** MTG  
**Light Source:** N/A  
**Irradiance:** N/A  
**Filters:** N/A  
**Cycle:** 1 pint gravel, 70 psi, 90° orientation

**Evaluations and Reports:**

Evaluations required  
Visual Inspections: At return  
Dry Film Thickness: Prior to exposure  
Impact: SAE J400

**Temperatures:** Preconditioned to -30°C  
**Humidities:** N/A  
**Water type:** N/A  
**Relocation:** N/A  
**Total Hours:** N/A

**Special Instructions:** Perform chip resistance testing on freezer samples and evaluate.

**Return Schedule:** Upon Completion

**Final Return:**

**Report Type:** Standard

Please confirm all information on this order is correct and retain for your records.  
Please use the test number and your customer number to identify this test in all correspondence.

Thank you for your order,

Michael J. Crewdson  
General Manager/Technical Director



