



SOLAR REFLECTANCE TEST REPORT

ASTM C 1549-09

- 1.0 Report Issued To:** Reinke Shakes
210 South 4th Street
Hebron, NE 683670
- 2.0 Test Laboratory:** Architectural Testing, Inc.
an Intertek Company (Intertek-ATI)
2524 East Jensen Avenue
Fresno, California 93706
559-233-8705
- 3.0 Project Summary:** Product Type: Kynar Aluminum Colors, Bare Aluminum & Solid Copper
- 4.0 Test Specifications:** ASTM C 1549-09, *Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer.*

*E1980 Standard references ASTM E 408 for emissivity testing. The samples tested were determined to be acceptable for the ASTM C1371 test method.

5.0 Test Results:

Specimen	ASTM C1549 (Solar Reflectance)
Solid Copper	0.558
Buckskin Tan	0.339
Natural Aluminum	0.530
Umber Brown	0.129
Slate Gray	0.108
Battalion Gray	0.180
Rustic Red	0.180
Bahama White	0.525
Tahoe Blue	0.129
Forest Green	0.092
Roman Gold	0.287

6.0 Equipment:

	Calibration Date
Solar Spectrum Reflectometer 159B	Prior to testing
Reflectance Standards	Prior to testing
Emissivity Standards	Prior to testing
Hunter L,a,b	Prior to testing
Temperature	75°F
Relative Humidity	30%

Representative samples of the test specimen(s), and a copy of this report will be retained by Intertek-ATI for a period of four years from the original test date. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory. This report may not be reproduced, except in full, without approval of Intertek-ATI.

For INTERTEK-ATI

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TW:JB:ss

Attachments (pages): This report is complete only when all attachments listed are included.

Appendix-A: Product Photos (1)

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	05/06/15	All	Original report issue.

Appendix A
Product Photos

