



**OSHA FALL PROTECTION TEST REPORT**

**Rendered to:**

**AMERICAN SKYLIGHTS**

**PRODUCT TYPE: Fall Protection Screen for Fixed Skylight**

**Report No: A7803.01-801-44**  
**Test Date: 02/17/11**  
**Report Date: 02/18/11**  
**Expiration Date: 02/17/15**

## OSHA FALL PROTECTION TEST REPORT

Rendered to:

AMERICAN SKYLIGHTS  
525 113th Street  
Arlington, Texas 75011

Report No.: A7803.01-801-44  
Test Date: 02/17/11  
Report Date: 02/18/11  
Expiration Date: 02/17/11

**Project Summary:** Architectural Testing, Inc. was contracted by American Skylights to perform testing on a fall protection screen for fixed skylight. The test specimen description and results are reported herein. The test sample was provided by the client.

**Test Specification:** The test specimens was tested to assess compliance with Occupational Safety and Health Administration/U.S. Department of Labor Regulations (Standards- 29 CFR) - 1910.23(e)(8). A 200 lb weight, fabricated from a bag filled with sand, was placed on the center of the dome for a minimum of 60 seconds and then dropped from varying heights above the skylight starting at 1' up to 5'. The highest impact load was recorded.

### **Test Specimen Description:**

**Product Type:** Fall protection screen for fixed skylight

**Overall Size:** 96" wide by 112" high

**Curb Size:** 96" wide by 96" high

**Overall Area:** 74.67 ft<sup>2</sup>

**Finish:** Galvanized steel.

**Screen Construction:** The screen was comprised of 3/16" diameter steel rods welded into a 4" on center perpendicular grid pattern. The screen was welded at rod ends to a piece of 1-1/4" x 1-1/4" L-shaped steel along each end.

**Installation:** The screen was fitted over a 2x6 SPF curbing. Each end was tightened together with a 96" piece of all-thread attached with a 1/2" lock nut at each of the L-shaped steel pieces.

**Test Results:** The results are tabulated as follows:

**Dead load Tests, (Standards- 29 CFR) - 1910.23(e)(8)**

<u>Test Load</u>	<u>Location</u>	<u>Results</u>
200 lbs (60 seconds)	Center of screen	No penetration

**Optional Drop Tests, center of dome 1" from edge, (200lb @ 5'-0")**

<u>Test Load</u>	<u>Location</u>	<u>Results</u>
1000 ft-lbs	Center of screen 1" from edge	No penetration

**General Note:** *Upon completion of testing, the specimens met the requirements of the referenced standards.*

Detailed drawings, data sheets, representative samples of test specimens, a copy of this report, or other pertinent project documentation will be retained by Architectural Testing, Inc. for a period of four years from the original test date. At the end of this retention period, such materials shall be discarded without notice and the service life of this report will expire.

Results obtained are tested values and were secured by using the designated test methods. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:

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Tony Brown  
Technician

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Andy Cost  
Laboratory Manager

TB:hd

Attachments (pages): This report is complete only when all attachments listed are included.  
Appendix-A: Photos (1)

### Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	02/18/11	N/A	Original report issue

**Appendix A**

**Photos**



**Photo #1: Screen sample**