



ETL SEMKO TEST REPORT

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Order No. 3070175

Issued: January 11, 2005
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REPORT NO.: 3070175-001

Performance Testing of Stan-E-Z® Ladder Platforms

RENDERED TO:

Ladder Platforms International, Inc.
PO Box 344
Oak Hill, WV 25901

TESTS PERFORMED:

Details of testing are given in the Test Procedures section below. The following tests were performed:

1. New samples - Load testing was performed on three new, as-received samples.
2. Conditioned samples - Load testing was performed on three samples after they had undergone 100 hours of UV light exposure followed by three hygrothermal cycles.

AUTHORIZATION OF TEST:

This test was authorized by signed Intertek quote no. 15557399.

DATE OF TEST:

December 30, 2004 through January 10, 2005

SPECIMEN DESCRIPTION:

All test samples were provided to Intertek by Ladder Platforms International, Inc. Prior to beginning testing, an Intertek representative visually examined all samples and all appeared to be in new, un-used condition. The following model was evaluated:

- Stan-E-Z® Step Ladder Platform

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TEST PROCEDURES

Three samples were subjected to 100 hours of UV light exposure in accordance with ASTM G155 Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials. Following the UV exposure, the same samples were then subjected to three hydrothermal cycles. Each hydrothermal cycle began by submerging the samples in water at ambient laboratory temperature for 15 hours. Upon removal from the water, the samples were dried with a cloth before being placed in a low temperature environment (-20° F) for eight hours. After low temperature conditioning, the samples were allowed to reach ambient room temperature before the cycle was repeated.

The three conditioned samples and new samples were then load tested after installation on a Werner model FIAA08 Type 1AA, 8' fiberglass stepladder. The load was applied through a 12.5" x 6" steel plate situated on the top surface of the platform. The platform was loaded to 500lbs. and held for 15 minutes. The platform was then loaded in approximately 50 lb. increments to a total load of 1007.7 lbs. Each load increment was held for one minute.

TEST RESULTS

The following is a summary of the results of each evaluation.

- All unconditioned samples tested withstood the 500lb. initial load test and 1000 lb. incremental load test without failure or visible damage.
- All samples subjected to UV and hydrothermal conditioning withstood the 500lb. initial load test and 1000 lb. incremental load test without failure or visible damage.

Report Reviewed By:

Martin E. Dodd

Martin E. Dodd
Project Engineer

Engineering Reviewer

Mickey G. Workman

Mickey G. Workman
Engineering Team Leader

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