NATIONAL SLATE ASSOCIATION

P.O. Box 172 • Poultney, Vermont 05764
Phone: (866) 256-2111 • www.slateassociation.org

Officers:

Jeffrey S. Levine
President

David Large
Senior Vice President

Russ Watsky
Vice President

Matt Hicks
Vice President

Pete Papay
Secretary/Treasurer

Board of Directors:

JoAnne Baker
Alan Buohl
John Chan
Clark Chase
Doug Cochran
Dan Cornwell
Jonathan Hill
Craig LeGere
Matt Millen
Brian Stearns

June 15, 2010

This Cover Letter Must Be Included With Any Distribution Of The Eleven Page Architectural Testing Report Attached, And Is Considered Part Of The Report by The National Slate Association. The Report (Including This Cover Letter) Must Be Reproduced in Full. No Partial Reproduction or Distribution Is Permitted Without The Written Approval Of The National Slate Association.

When referencing the report, please use the following citation:
National Slate Association, "FM 4473 Test Report," Report No. 98120.01-801-75. Poultney, VT, February 25, 2010 (available at www.slateassociation.org).

FM 4473 Test Report Number 98120.01-801-75 - Specification Test Standard for Impact Resistance Testing of Rigid Roofing Materials by Impacting with Freezer Balls (dated 2/25/10) is distributed by the National Slate Association for reference where the resistance to hail impact is a consideration in the selection of roof coverings.

The testing was conducted by Architectural Testing, Inc., of Southlake, Texas under contract to the National Slate Association, and was undertaken to independently establish the ability of North American produced, S-1 rated roofing slate to withstand impact from hail without damage. Panels were assembled with a representative range of colors from National Slate Association quarry members from the United States and Canada. These quarries were also required to support their claim of stone quality with available ASTM C406 S-1 rated test results for their material, as conducted by a National Slate Association recommended testing laboratory. Test panels were constructed to meet the minimum requirements of the National Slate Association's 2010 printing of the "Slate Roofs-Design and Installation Manual".

Under the FM 4473 testing conducted by Architectural Testing, Inc., 3/8 inch thick, S-1 rated, North American produced roofing slate met the requirements as a Class 4 (highest rated) roof covering and 1/4 inch thick, S-1 rated, North American produced roofing slate met the requirements as a Class 3 (second highest rated) roof covering.

For questions related to these test reports, please contact the National Slate Association toll free at 866-256-2111 or email mail@slateassciation.org.