



BUILDING CODE COMPLIANCE OFFICE
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PRODUCT CONTROL DIVISION
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PRODUCT CONTROL NOTICE OF ACCEPTANCE

Evergreen Slate Company, Inc.
68 Potter Avenue
Granville ,NY 12832

Your application for Notice of Acceptance (NOA) of:

Vermont Roofing Slate-Natural

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1220.01
EXPIRES: 02/08/2006

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/08/2001

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: 07310 Roofing Slate

Approval Date: **February 8, 2001**

Expiration Date: **February 8, 2006**

Materials Slate
Deck Type: Wood

SCOPE:

This approves a roofing system using Vermont Roofing Slate, manufactured by Evergreen Slate Company, Inc. as described in this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where mean roof height, as determined by applicable building code, does not exceed 33 feet.

PRODUCT DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Vermont Roofing Slate	Various	PA 110	Dense sound rock, quarried for roofing stock. Thickness from 1/4" to 3/4" and various width and lengths.

COMPONENTS OR PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Copper Slating Nail	Min. 10 gauge solid copper, large head, roofing nails, various lengths	PA 114, Appendix 'C'	Copper roofing nails	generic

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Center for Applied Engineering, Inc.	PA 100	Wind Driven Rain	8/11/94
Testwell Craig Laboratories, Inc.	ASTM C 217	Physical Properties	04/13/93



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Roofing Product Control Examiner

APPROVED SYSTEMS:

Deck Type: Wood, Non-insulated

Deck Description: New Construction: $1\frac{19}{32}$ " or greater plywood or wood plank.

Slope Range: 4:12" or greater

Underlayment: Double layer application (50% overlap) of ASTM D 226 type I. Or a single layer of ASTM D 2626 coated base sheet. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1- $\frac{1}{4}$ " annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll., Or an approved self-adhered membrane having a current NOA adhered to a single layer of ASTM D 226, type II or ASTM D 2626 coated base sheet fastened as listed above.

Application: Slate shingles shall be laid so that alternate courses do not align, all shall be offset not less than 3" from any underlying joint. Spacing between shingles (joints or slots) shall be no less than $\frac{1}{4}$ " and no more than $\frac{1}{2}$ ". Slate shingles shall have a maximum 10" exposure. Proper exposure is obtained by deducting 3" for the length of the slate and dividing that number by two.

Each slate shingle shall be nailed with a minimum of two (2) copper slating nails. All slate shall be factory machine punched. Holes shall be punched from $\frac{1}{4}$ to $\frac{1}{3}$ of the length of the slate from the upper end, and 1" to 1- $\frac{1}{2}$ " from the edge. Proper nail length shall be determined by multiplying the thickness of the slate by two (2) and adding one (1) inch. In all cases, fasteners shall be long enough to penetrate through the sheathing or wood plank a minimum of $\frac{3}{16}$ " or penetrate a 1" or greater thickness of lumber a minimum of 1", assuring a minimum nail length shall be 1 $\frac{1}{2}$ ".

Ensure no end joint is less than 2 inches from a nail in an underlying course. Drive nails straight so that the edge of the nail head does not make contact with the slate at an angle. Nail heads should be driven flush with the slate surface. Fasteners shall not be overdriven.

(Optional Interlayment) Each succeeding course of slate may be applied with an optimal interlayment of ASTM D 226 Type II felt, 18" wide laid over the top portion of slate, and extending onto the sheathing with the bottom edge of the felt positioned at a distance above the butt equal to twice the distance of the weather exposure. For example, with a 10" exposure, interlayment shall be applied 20" above the shingle butts. This will allow 14" of felt to extend onto the sheathing. No interlayment shall be exposed.

Slate shingles shall be applied in straight, horizontal single courses. The under-eaves or starter course of slate should be attached to a ~~eave~~ cant strip of suitable thickness (determined by the thickness of the slate) to enable the second course of slate to be properly aligned. The beginning of ~~starter course~~ at the eave line

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shall be doubled. The butts of first course of slate shall project a maximum of 2" beyond the eave line and 1" at gable ends.

Slate shingles shall be laid so that alternate courses do not align, all shall be offset not less than 3" from any underlying joint. No single slate shall be less than 8" wide. Slate shingles shall project past gable ends no more than 1".

Ridges shall be covered with slate shingles having a uniform width equal to approximately the same width as the field exposure. Premanufactured hip and ridge units are acceptable. Ridge slate shall be installed in a saddle or combing method. All ridge slate shall be attached with an alternate overlap and an exposure equal to that of all preceding courses of slate. All ridge slate shall be set in an 8" bed of ASTM D 4586 flashing cement. All perimeter and valley slate shingles shall be set in an 8" bed of ASTM D 4586 mastic.

Valleys:

Valley metal shall be a minimum 24" wide preformed W-shape metal with returns. If the slope is greater than 12":12", valley metal may be reduced to 16" wide. Valley metal shall be set over a minimum 36" wide sweat sheet of minimum ASTM D 226 type II embedded in roofing cement, or an approved self-adhered membrane. Valley metal shall be secure with clips fabricated from similar or compatible material. Clips shall be spaced a maximum 12" o.c, and secured with a minimum of 2 approved 1-1/4" roofing nails set in roofing cement. Trim metal at all valley/ridge junctions, ensuring water-shedding capabilities onto the valley. Install metal soaker at all valley junctions. Turn soaker up on sides a minimum of 1" to create a water diverter, ensuring ample water-shedding capabilities. Valley detail shall be in accordance with the current published installation instructions and details in Evergreen Slate Company Inc current installation manual.

LIMITATIONS

1. This acceptance is for wood deck applications. Minimum deck requirements shall be in compliance with applicable building code.
2. All Slates shall bear the imprint or identifiable marking of the manufacturer, name or logo, or following statement: "Miami-Dade County Product Control Approved".
3. The applicant shall retain the services of a Metro-Dade County certified testing laboratory to maintain quality control in compliance with the South Florida Building Code.
4. Application for building permit shall be accompanied by copies of the following:
 - a. This Notice of Acceptance.
 - b. Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.



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NOTICE OF ACCEPTANCE STANDARD CONDITIONS

- 1 Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
- 2 Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
- 3 Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
- 4 Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- 5 Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
- 6 The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
- 7 A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The copies need not be resealed by the engineer.
- 8 Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- 9 This Acceptance contains pages 1 through 5

END OF THIS ACCEPTANCE



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