



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Perfection : The Very Best in Building Products
8512 Industry Park Drive
Piquay, OH 45356**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Country Manor Shake

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This consists of pages 1 through 4.

The submitted documentation was reviewed by Frank Zuloaga, RRC.



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Expiration Date: 11/18/07
Approval Date: 07/31/02
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Shake
Sub-Type: Aluminum
Maximum Design Pressure: -75 psf
Maximum Fire Classification: See Limitation #1

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Country Manor Shakes	14 7/8" x 48 1/2"	TAS 110	Corrosion resistant imitation shake panel press-formed from .019 inch thick aluminum.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer (With current NOA)</u>
Roofing Nails (Shingle/Shake attachment)	Minimum shank diameter .090" and a head diameter of .215".	TAS 114	Aluminum or stainless steel standard ring or screw shank nails for shake and accessory attachment.	Generic

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Center for Applied Engineering	TAS 100	Wind driven rain infiltration resistance	11/25/96
Architectural Testing, Inc.	TAS 125 UL 580	Standard Requirements for Metal Roofing Uplift Resistance	12/11/98
Architectural Testing, Inc. Applied Research Laboratories	ASTM E8-96a ARL 99009, 99010	Tensile Test Report	12/11/98 07/13/99



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APPROVED ASSEMBLY

System A: Country Manor Shakes

Deck Type: Wood, Non-insulated

Deck Description: Min. $\frac{15}{32}$ " Plywood, or Wood Plank

Slope Range: 2":12" or greater

Maximum Uplift Pressure: The maximum allowable design pressure for system A shall be **-75 psf**.

Deck Attachment: In accordance with applicable building code, but in no case shall it be less using minimum #8 x 1 $\frac{3}{4}$ " wood screws or annular ring shank nails at a spacing of 6" o.c. at supports. In re-roofing, where the deck is less than 19/32" thick (minimum 15/32") the above attachment method must be in addition to existing attachments.

Underlayment: Minimum underlayment shall be a double layer underlayment system comprised of a #15 felt (ASTM D 226, type I) applied with a 50% overlap or application of a #30 felt (ASTM D 226, type II) or #43 coated base sheet (ASTM D 2626) installed with a minimum 6" side laps and 2" headlaps. Underlayment shall be fastened with corrosion resistant tin-caps and 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.

Note: All flashing cement used shall be ASTM D 4586 asbestos-free flashing cement. All products shall have Miami-Dade Component Approval.

Fire Barrier Board: For Class A or B fire rating, install minimum $\frac{1}{4}$ " thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4 mm thick of Tritex, RockRoof (with current NOA) or 5/8" water resistance type X gypsum sheathing with treated core and facer.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Perfection current installed instructions.

Metal Panels and Accessories: Install Country Manor Shake, and accessories in compliance with Perfection's current published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standard RAS 133.

Apply panels from eave to ridge. Panels may be field bent for cosmetic purposes. Full-length panels shall be attached with a minimum of four (4) aluminum or stainless steel 1" nails. Apply the first nail to the far right end of the panel. Make sure the panel is positioned and nail the left end. Then equally space two additional nails. On shorter pieces, one (1) nail per running foot of panel is required with a minimum of three (3) nails per panel. All remaining panels in this course shall be nailed and installed by engaging vertical locks.



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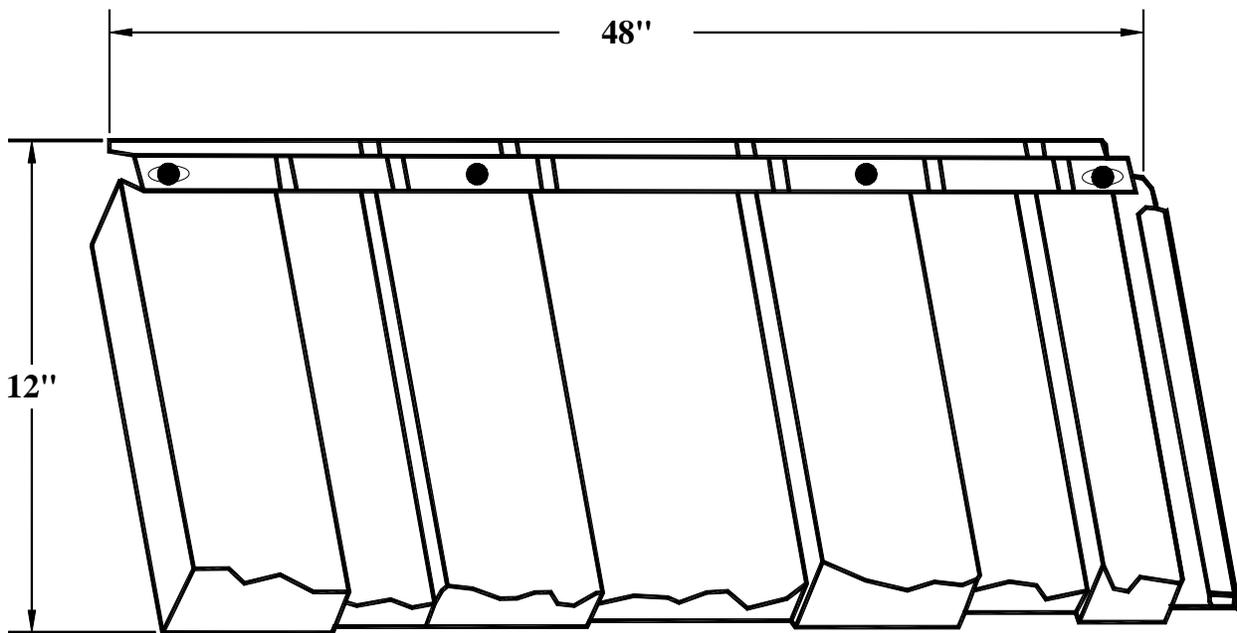
Where panels intersect with a valley, panels shall be cut at a diagonal and folded over and locked to the standing rib of the valley.

Note: The two round die-set holes on each panel are not for nailing.

LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum uplift pressure listed herein should meet or exceed the design pressures for the field, areas of the roof as determined by applicable building code. Increased design pressures at perimeter and corner areas may be met through rational analysis by increasing the number of attachment points in these areas. All rational analysis computations shall be conducted, signed and sealed by a Registered Architect, Professional Engineer or Registered Roof Consultant.
3. All panels shall be permanently labeled with the manufacturer's name or logo, city, state, and the following statement: "Miami Dade County Product Control Approved".

DETAIL A



END OF THIS ACCEPTANCE



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