



**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)

**EcoStar Inc.
P.O. Box 7000
Mundelein, IL 60060**

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 the BCCO and accepted by the Building Code and Product Review Committee 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Majestic Slate Shingle

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 NOA consists of pages 1 through 6.

The submitted documentation was reviewed by Jorge L. Acebo



**NOA No. 03-0814.02
Expiration Date: 11/03/10
Approval Date: 11/03/05
Page 1 of 6**

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Shingle
Materials: Composite
Deck Type: Wood
Maximum Design Pressure -65.91 psf
Fire Classification Pressure See General 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> |
|------------------------|--------------------------------|----------------------------|---------------------------------|
| Majestic Slate Shingle | 18" long, 12" wide, 1/4" thick | TAS 135 | Slate looking composite shingle |

EVIDENCE SUBMITTED:

| <u>Test Agency</u> | <u>Test Identifier</u> | <u>Test Name/Report</u> | <u>Date</u> |
|------------------------------------|------------------------|-------------------------|-------------|
| Architectural Testing Incorporated | ATI-39866.02 | TAS 100 | 9-19-01 |
| | ATI-57885.01 | TAS 102 | 9-14-05 |
| | ATI-41583.03 | TAS 135 | 8-05-05 |
| Underwriters Laboratories Inc. | 98NK28255 | UL 790 | 10-19-04 |



APPROVED SYSTEMS:

Deck Type: Wood, Non-insulated

Deck Description: 15/32" or greater plywood or wood plank.

Slope Range: 3:12 or greater

Maximum Uplift

Pressure: The maximum allowable uplift pressure shall be: **-31.9 psf for tape**
-65.91 psf for Sealant

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than #8 x 1 5/8" wood screws spaced 6" o.c. In reroofing, where the deck is less than 1 9/32" thick (Minimum 1 5/32") The above attachment method must be in addition to existing attachment

Installation:

Install a minimum 30 lb felt over the wood deck surface as required by code. Install an "ice & water shield" type approved product in all valley, eave, hip, ridge and projection areas. Install an approved metal flashing along eave and rake edges as required by code.

Install a starter row of shingles along the eave edge. Begin installing the first row of shingles by completely covering the starter row with the first row of shingles. Offset the shingles by half a shingle width from the starter row. Continue installing rows of shingles up the slope until the roof deck is covered. The shingles can be cut as needed by scoring with a utility knife and snapping by hand. Install pre-formed ridge shingles to all hips and ridges.

General

Application:

Majestic Slate Shingles shall be installed in accordance with EcoStar's current published installation specifications using a maximum 7" exposure (see Detail B). Majestic Shake Shingles shall be fastened with a minimum of two, 1-1/2" long, corrosion resistant roofing nails (stainless steel is recommended) at the nail locations molded into the shingles (see Detail A). Each shingle must be bent by hand in a downward arch before attaching to the roof deck to ensure a flat installation. Do not butt the shingles tight together. Maintain a 3/8" gap between adjacent shingles by aligning each successive row of shingles with the vertical guidelines molded into the shingles. Each row of shingles must be offset by half a shingle width from the row below to cover the nails previously installed. The exposed shingle tabs may be secured with Carlisle's 3" wide SecurTape or with a 1/4" wide bead of Dow Corning® 790 Sealant. The tape is applied to the underside of the tab at a location 1" to 1.5" from the exposed edge and extending to within 1" of each side. The sealant is also applied to the underside of the tab at a location 1" to 3" from the exposed edge and extending to within 1" of each side.



NOA No. 03-0814.02
Expiration Date: 11/03/10
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Page 3 of 6

Valleys:

Valley metal shall be a minimum 16" wide 26 gage G-90 galvanized steel. Valley metal shall be set over a minimum 36" wide sweat sheet of minimum ASTM D 226 type II embedded in roofing cement or a "ice & water shield" type of approved self-adhered membrane. Valley metal shall be secured with roofing nails spaced a maximum 4" o.c. at outer most part of metal on each side. Valley edges shall be primed and embed a 6" wide asphalt coated fabric membrane in a 8" wide bed of roofing cement. Place a second coat of roofing cement over the fabric. Valley detail shall be in accordance with the current published manufacturer's literature.

MANUFACTURING FACILITIES:

1. MUNDELEIN, IL

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance. Refer to published third party testing data to verify compliance with the Florida Building Code.
2. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
3. All packaging shall be labeled with the manufacturer's name or logo, city, state and the following statement: "Miami Dade County Product Control Approved".
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.



DRAWINGS
MAJESTIC SLATE SHINGLE
DETAILS A & B



