



**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)

**National Steel Corporation
1745 Fritz Drive
Trenton, MI 48183**

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: National Steel Centura Plus® Steel Shingle

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 5.

The submitted documentation was reviewed by Frank Zuloaga, RRC



**NOA No.: 02-1126.01
Expiration Date: 05/08/08
Approval Date: 05/08/03
Page 1 of 5**

ROOFING ASSEMBLY APPROVAL:

Category: Roofing
Sub-Category: Non-Structural Metal Roofing
Material: Steel
Maximum Design Pressure -60 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>
Centura Plus®	39 ½" wide x 14 ¼" long 0.0205" min. thickness	PA 125	Polyvinylidene Fluoride coated Galvalume metal shingle available in 6 colors.
Trim Pieces	Various	PA 110	Starter Strip, Gable/Rake Edge, Sidewall, Valley, J-Channel, Ridge Under, & Ridge Cap.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Product Description</u>	<u>Manufacturer</u>
Fasteners	#10	Corrosion resistant pancake head course thread wood screws	Generic

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	01NK18876	ASTM G26	10.16.01
Underwriters Laboratories, Inc.	01NK8829	UL 790	6.5.01
Underwriters Laboratories, Inc.	01NK8829	UL 1897	5.31.01
Architectural Testing, Inc.	01-39102.01	PA 100-95 FM 4470	8.28.01



NOA No.: 02-1126.01
 Expiration Date: 05/08/08
 Approval Date: 05/08/03
 Page 2 of 5

SYSTEM DESCRIPTION:

System A: Centura Plus® Steel Shingles

Deck Type: Wood, Non-insulated

Deck Description: Min. ¹⁵/₃₂" Plywood, or Wood Plank

Slope Range: 4":12" or greater

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than #8 by 2-½" inch course thread wood screws spaced 6" o.c. In reroofing, the above attachment method must be in addition to the existing attachment.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1 ¼" 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, any approved underlayment having a current NOA.

Fire Barrier Board: Any approved fire barrier having a current NOA. For class A or B fire rating, install minimum ¼" thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4mm thick of Tritex, RockRoof (with current NOA) or 5/8" water resistant 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 Centura Plus® Steel Shingles, and accessories in compliance with National Steel Corporation'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.

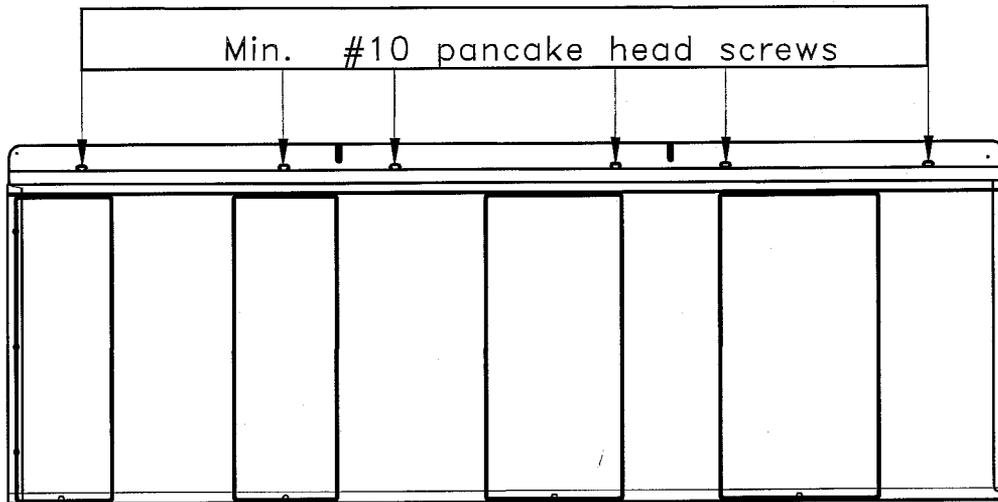
Apply Centura Plus® Steel Shingles from eave to ridge. Panels may be field bent for cosmetic purposes. Full-length panels shall be attached with a minimum of six (6) # 10 x 1" corrosion resistant pancake head wood screws. Apply the first screw spaced in slots maximum 3" from the edges and four in the center of the panel spaced 9 inches o.c. for a total of six, see detail drawings herein. On shorter pieces, one (1) screw per running foot of panel is required with a minimum of three (3) screws per panel.

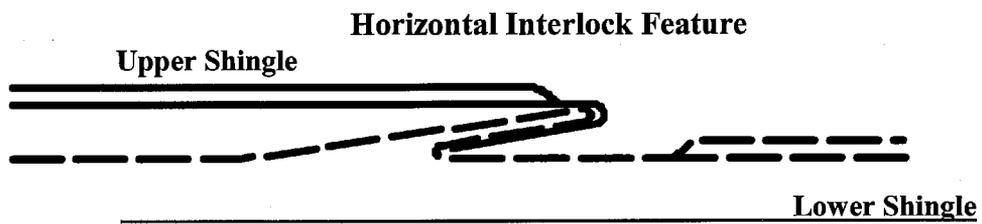
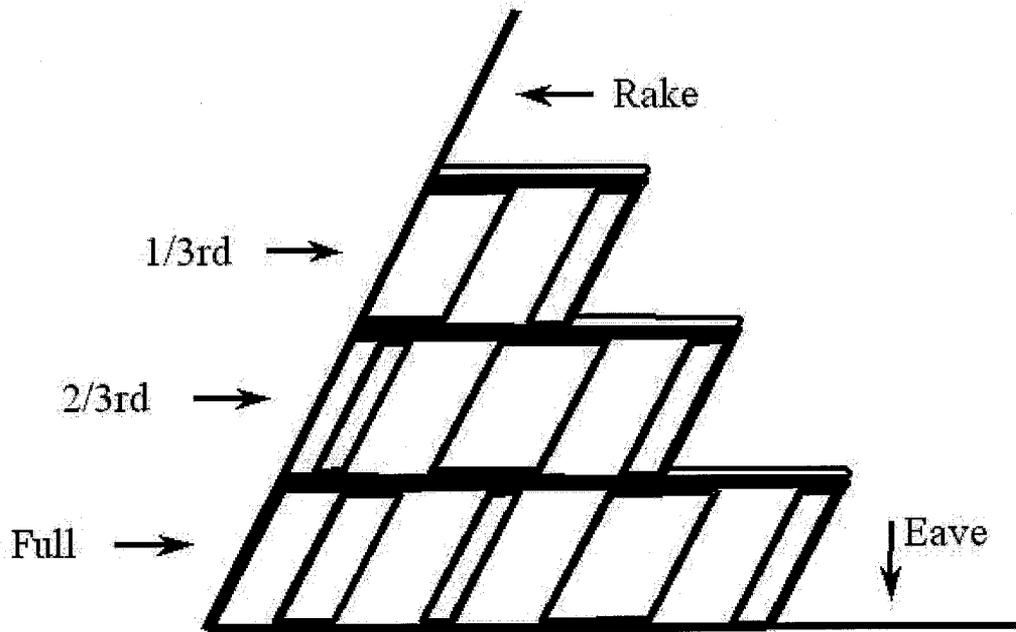


GENERAL LIMITATIONS:

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 pressures 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. Panels may be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133.
4. 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 DRAWINGS
National Steel Centura Plus® Steel Shingle





END OF THIS ACCEPTANCE

