



**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)**

**Englert, Inc.  
1200 Amboy Avenue  
Perth Amboy, NJ 08861**

**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: Englert Series 1300 Metal Panel**

**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 Frank Zuloaga, RRC



**NOA No.: 03-0108.03  
Expiration Date: 02/04/08  
Approval Date: 02/27/03  
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## ROOFING ASSEMBLY APPROVAL

**Category:** Roofing  
**Sub-Category:** Metal, Panels(Non-Structural)  
**Materials:** Steel

**Deck Type:** Wood  
**Maximum Design Pressure** -60 psf

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Series 1300	Length: various Width: 20 & 16" Thickness 0.0276	PA 125	Corrosion resistant, galvalume, performed, standing seam. Coated, pre-finished, metal panels.
Clip	Length: 6 1/4" Width: 1" Height: .65" Thickness 0.0276	PA 125	Corrosion resistant, galvalume, performed, standing seam. Coated, pre-finished, metal panels.
Trim Pieces	Length: varies Width: varies Thickness 0.0276.	N/A	Corrosion resistant, galvalume, performed, standing seam. Coated, pre-finished, metal panels.

### EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Construction Research Laboratory, Inc.	6003C	Uplift Pressure Testing ASTM E 330 Series 1000	Feb. 1994
Morton International	AS-0286-91L	Salt Spray ASTM B 117	Feb. 1986
Morton International	AS-0286-91T	Accelerated Weathering ASTM G 23	Feb. 1986
Architectural Testing Inc.	01-32797.01	PA 100	Nov. 1998
Architectural Testing Inc.	01-32797.02	PA 100	Nov. 1998
Architectural Testing Inc.	01-32797.03	ASTM E 8	Nov. 1998
Architectural Testing Inc.	01-35496-01	PA 125	Dec. 1999



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## APPROVED ASSEMBLIES:

- SYSTEM A-1:** Series 1300 Panel 1 ½" Mechanically Seamed Panel
- Deck Type:** Wood, Non-insulated
- Deck Description:** 1<sup>9</sup>/<sub>32</sub>" or greater plywood or wood plank
- Slope Range:** 2":12" or greater
- Maximum Uplift:** The maximum allowable uplift pressure for the 16" & 20" panels shall be -60 psf.
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less than # 8d annular ring shank nails spaced 6" o.c. In reroofing, where the deck is less than 1<sup>9</sup>/<sub>32</sub>" thick (Minimum 1<sup>5</sup>/<sub>32</sub>" ) the above attachment method must be in addition to 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.
- Valleys:** Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Englert's current published installation instructions.
- Fire Barrier Board:** Any approved fire barrier having a current NOA. Or 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.
- Metal Panels and Accessories:** Install the "Series 1300 Panel" and accessories in compliance with the current published installation instructions and details in Englert Metal Roofing Installation Manual. Flashings, penetrations, valley construction and other details shall be constructed in compliance with Roofing Application Standard RAS 133.
1. Panels shall be installed with approved Panel Clips located at each panel rib side lap spaced at a maximum of 18" o.c. parallel to roof slope, fastened with a minimum of four #10 self tapping pan head corrosion resistant screws of sufficient length to penetrate through the sheathing a minimum <sup>3</sup>/<sub>16</sub> of an inch.
  2. Standing seams shall be mechanically seamed to a full 90° degree seam, (single lock).



- SYSTEM A-2:** Series 1300 Panel 1 ½" Mechanically Seamed Panel
- Deck Type:** Wood, Non-insulated
- Deck Description:** 1<sup>9</sup>/<sub>32</sub>" or greater plywood or wood plank
- Slope Range:** 2":12" or greater
- Maximum Uplift** The maximum allowable uplift pressure for the 16" panels shall be **-52.5 psf.**
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less #8 x 1-5/8" long wood screws spaced 6" o.c. In reroofing, where the deck is less than 1<sup>9</sup>/<sub>32</sub>" thick (Minimum 1<sup>5</sup>/<sub>32</sub>" ) the above attachment method must be in addition to 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.
- Valleys:** Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Englert's current published installation instructions.
- Fire Barrier Board:** Any approved fire barrier having a current NOA. Or 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.
- Metal Panels and Accessories:** Install the "Series 1300 Panel" and accessories in compliance with the current published installation instructions and details in Englert Metal Roofing Installation Manual. Flashings, penetrations, valley construction and other details shall be constructed in compliance with Roofing Application Standard RAS 133.
1. Panels shall be installed with approved Panel Clips located at each panel rib side lap spaced at a maximum of 4 feet o.c. parallel to roof slope, fastened with a minimum of four #10 self tapping pan head corrosion resistant screws of sufficient length to penetrate through the sheathing a minimum <sup>3</sup>/<sub>16</sub> of an inch.
  2. Standing seams shall be mechanically seamed to a full 90° degree seam, (single lock).

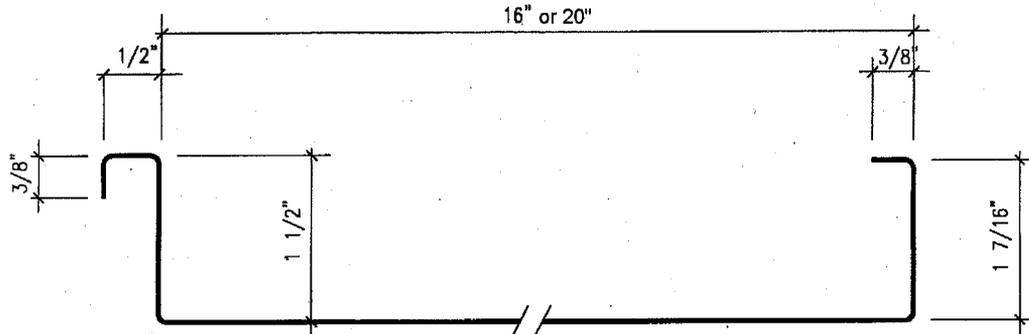


## **SYSTEM LIMITATIONS**

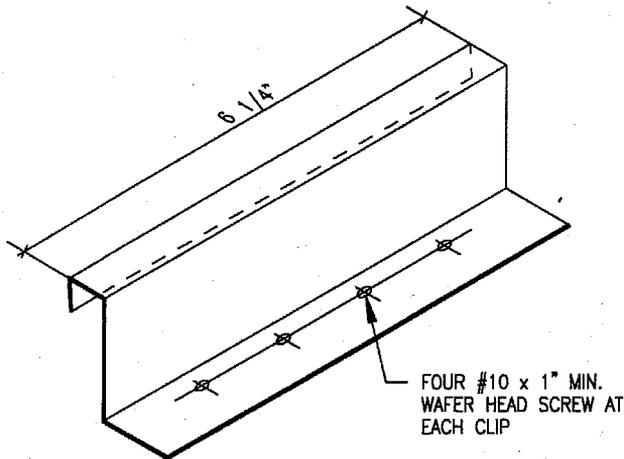
1. Increased design pressures at perimeter and corner areas, in compliance with applicable building code may be met through rational analysis by increasing the number of attachment points in these areas. The maximum fastener spacing noted in the "Systems Description" section of this approval shall not be exceeded. All rational analysis computation shall be prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
2. Panels shall be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133.
3. All panels shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved. All clips shall be permanently labeled with manufacturer's name, and/or logo, and/or model.



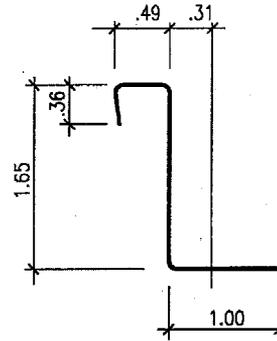
# PROFILE DRAWINGS



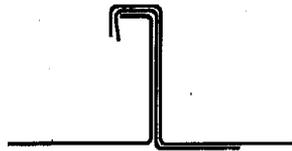
PANEL PROFILE



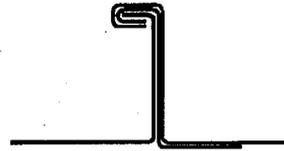
CLIP ISOMETRIC



CLIP PROFILE



BEFORE SEAMING



AFTER SEAMING

## SERIES 1300 PANEL SYSTEM

END OF THIS ACCEPTANCE



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