



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

L.V. Thompson, Inc.
5015 E. Hillsborough Avenue
Tampa, FL. 33610

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 of the Florida Building Code.

DESCRIPTION: TM Lock 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# 19-01231.07 consists of pages 1 through 5.

The submitted documentation was reviewed by ***Freddy Semino***



NOA No.: 19-0123.07
Expiration Date: 10/01/25
Approval Date: 10/01/20
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ROOFING ASSEMBLY APPROVAL:

<u>Category:</u>	Roofing
<u>Sub-Category:</u>	Non-Structural Metal Roofing
<u>Material:</u>	Steel
<u>Deck Type:</u>	Wood
<u>Maximum Design Pressure</u>	See Table A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
TM Lock Panel	l = varies w = 16" h = 1" Min. Thickness 0.019" Min yield strength: 50 ksi	TAS 125	26ga Galvalume ASTM A792 AZ55 Grade 50 snap-lock Metal Roof Panel with intergraded fastening strip.
Trim Pieces	l = varies w = varies Min Thickness 0.019"	TAS 110	Standard flashing and trim pieces. Manufactured for each panel width.

MANUFACTURING LOCATION:

1. Tampa, FL.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials	LVTI-020-02-03	ASTM B 117 / TAS 110	10/25/16
Technologies LLC	LVTI-020-02-02	ASTM G 155	11/16/16
	LVTI-023-02-01	TAS 100	10/24/18
	LVTI-023-02-02	TAS 125	10/22/18



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APPROVED ASSEMBLIES:

System:	TM Lock Panels
Deck Type:	Wood, Non-Insulated
Deck Description:	¹⁵ / ₃₂ " or greater plywood or wood plank.
Slope Range:	2": 12" or greater
Maximum Uplift Pressure:	See Table A below

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 ¹⁹ / ₃₂ " thick (Minimum ¹⁵ / ₃₂ "). 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-laps and 6" end-lap fastened with corrosion resistant tin-caps and 1¼" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll;
Fire Barrier Board:	Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.
Valleys:	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with L.V. Thompson Inc.'s current published installation instructions.
Metal Panels and Accessories:	<p>Install the TM Lock Panels and accessories in compliance with LV Thompson Inc.'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 Standards RAS 133.</p> <p>Panel fasteners shall be #10 x 1" galvanized, pancake head screw, Type 17 point of sufficient length to penetrate through the sheathing a minimum of ³/₁₆ inch.</p> <p>Fasteners shall be installed along the fastening strip at a maximum spacing as listed in Table A.</p> <p>A continuous 3/16" bead of Bostik 70-05a adhesive shall be applied along the male rib before snapping the panels together (see Detail A).</p>

Fasteners shall be installed at a maximum of 6" o.c. at panel edge.

TABLE A
MAXIMUM DESIGN PRESSURES

Roof Areas	Field	Perimeter and Corner ¹
Maximum Design Pressure	-75 psf	-82.5 psf
Maximum Fastener Spacing	7" o.c.	3.5" o.c.

1. Extrapolation shall not be allowed

SYSTEM 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 designed pressure listed herein 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. Panels may be rolls 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 and/or logo, and the following statement: "Miami-Dade County Product Control Approved" **or** with the Miami-Dade County Product Control Seal as seen below. All clips shall be permanently labeled with the manufacturer's name and/or logo, and/or model.

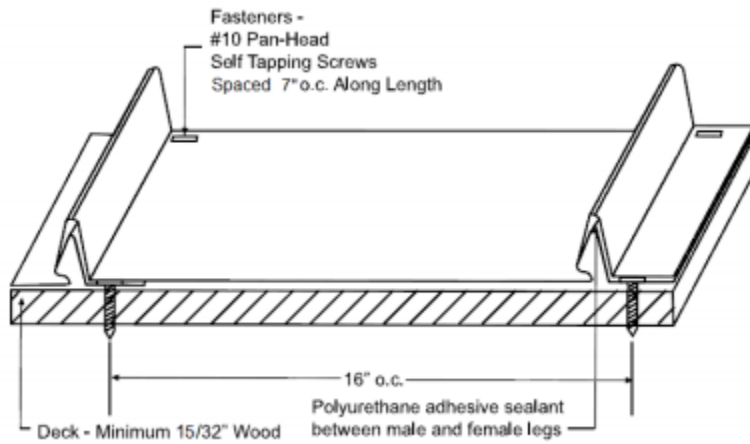


5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

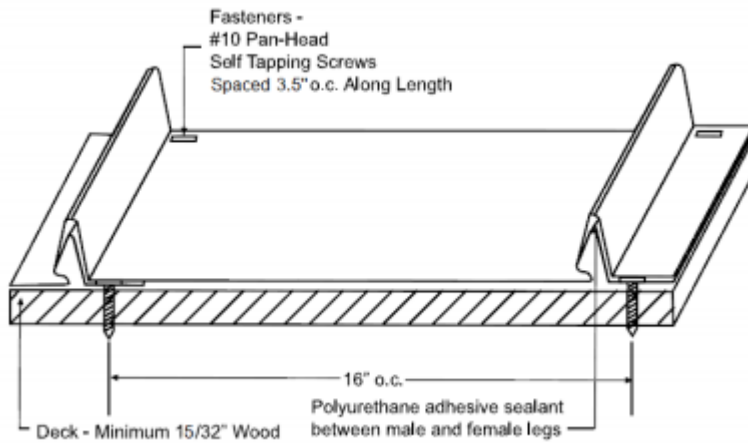


PROFILE DRAWINGS:
DETAIL A

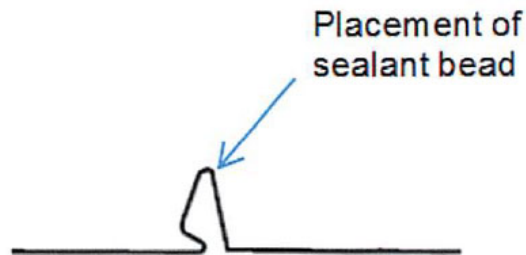
FIELD



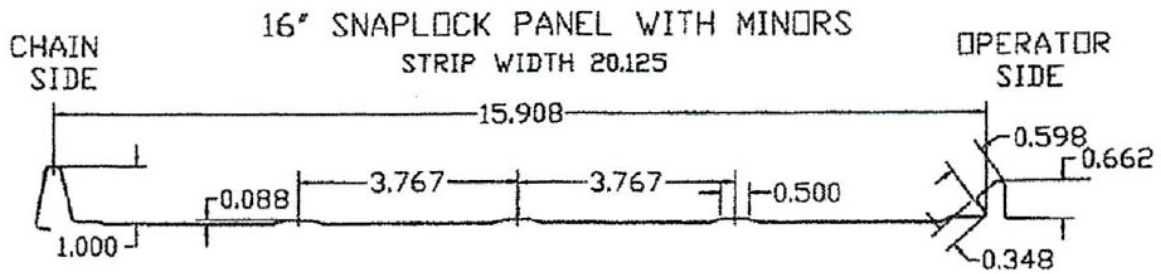
PERIMETER & CORNER



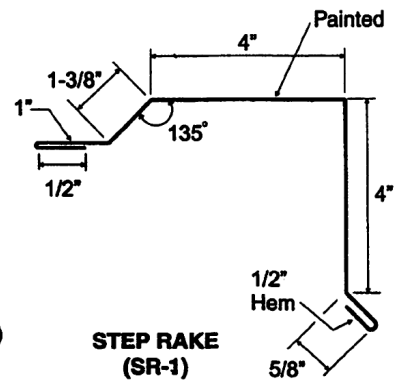
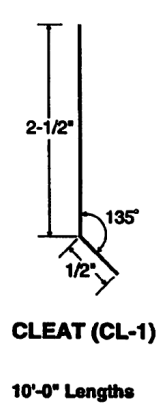
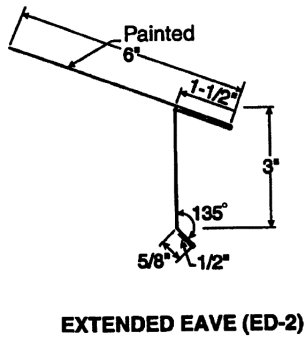
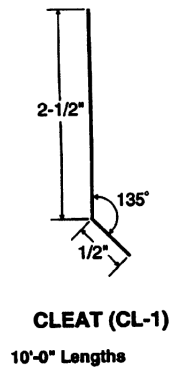
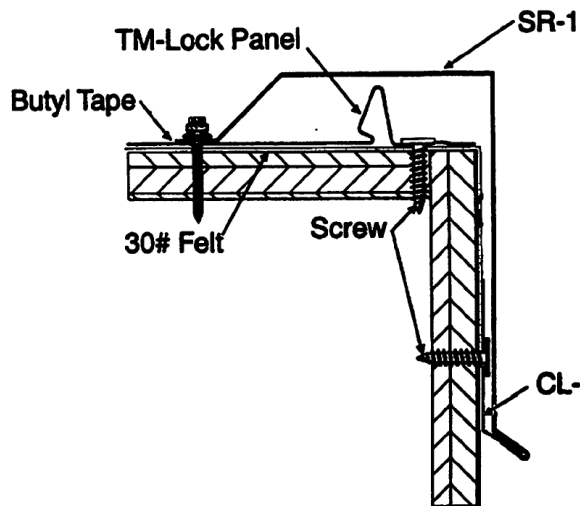
TM-Lock



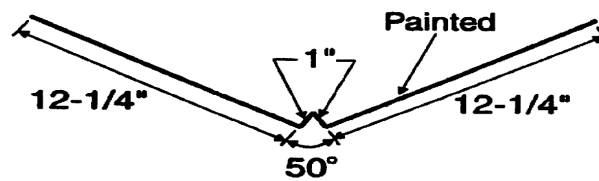
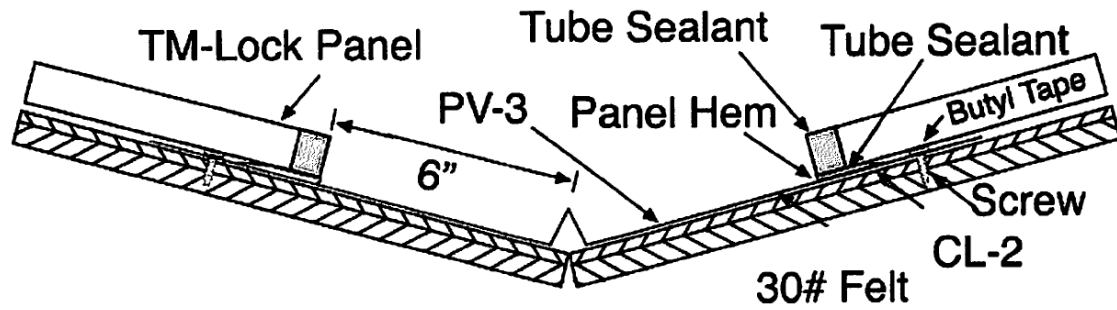
TM-Lock



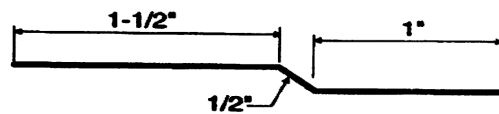
Rake Detail:



Valley Detail:



**PREFORMED VALLEY
(PV-3)**



OFFSET CLEAT CL-2

Length 10'-0"

END OF THIS ACCEPTANCE