

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)

Metal W, Inc. 22901 Millcreek Blvd., Suite 650 Highland Hills, OH 44122

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.038' (min.) Galvalume 3" deep x 16" wide Panel for Canopy

APPROVAL DOCUMENT: Drawing No. 14-1470.1, sheets 1 through 3 of 3, titled "20 ga. (0.038" min.) Galvalume Deck", prepared by Mills, Short & Associates, dated July 31, 2024, signed and sealed by Jason W. Short, P.E., on November 11, 2024 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Oakwood, Georgia, 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 revises NOA #21-0617.06 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4 & E-5 as well as approval document mentioned above.

Hely A. M. W. 01/09/2025

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

NOA No. 24-1127.04 Expiration Date: 05/15/2026

Approval Date: 01/09/2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #96-1112.03

A. DRAWINGS

Title:

20 ga. galvalume 3" x 16" Deck Pans

Number:

D1 through D4

Signature:

William M. Meyers, P.E.

Date:

10/26/96

Revision Date:

01/08/97 and 01/14/97

B. TESTS

Laboratory:

Hurricane Engineering and Testing Inc.

Number:

HETI-96-563

Type:

Uniform static air pressure wind load per ASTM E330.

Signature:

Hector M. Medina, P.E.

Date:

11/05/96

C. CALCULATIONS

Title:

3" x 16" Galvalume Panel

Signature:

William M. Meyers, P.E.

Date:

10/26/96

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-1207.03

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. STATEMENTS

1. Letter from Wm. M. Meyers, P.E., dated February 22, 2000, stating that the product has not changed from NOA No. 96-1112.03 and stating also that he is still in the engineering business.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-0325.01

A. DRAWINGS

1. Drawing No. D1, D2, D3, & D4, titled "20 ga. (0.038" min.) Galvalume ", sheet

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 24-1127.04

> Expiration Date: 05/15/2026 Approval Date: 01/09/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1 of 1, each drawing, prepared by Orange State Industries, dated April 02, 2003, signed and sealed by Carlos F. Castillo, P.E. on April 10, 2003.

- B. TESTS
 - None.
- C. CALCULATIONS
 - 1. None.
- D. MATERIAL CERTIFICATIONS
 - None.
- 4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0924.04
- A. DRAWINGS
 - 1. Drawing No. D1, D2, D3, & D4, titled "20 ga. (0.038" min.) Galvalume", sheet 1 of 1, each drawing, prepared by Orange State Industries, dated April 02, 2003, signed and sealed by Carlos F. Castillo, P.E. on April 10, 2003.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. MATERIAL CERTIFICATIONS
 - None.
- 5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #13-0430.03
- A. DRAWINGS
 - 1. Drawing No. D1, sheets 1 through 5 of 5, titled "20 ga. (0.038" min.) Galvalume 16" x 3" Deck Pans", prepared by PTC Product Design Group, LLC, dated December 01, 2007, last revision A dated April 19, 2013, signed and sealed by Robert J. Amoruso, P.E.
- B. TESTS
 - None.
- C. CALCULATIONS
 - None.
- D. MATERIAL CERTIFICATIONS
 - 1. None.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 24-1127.04

Expiration Date: 05/15/2026

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-0421.05
- A. DRAWINGS
 - None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- 7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-0526.09
- A. DRAWINGS
 - 1. Drawing No. 14-1470, sheets 1 through 6 of 6, titled "20 ga. (0.038" min.) Galvalume 16" x 3" Deck Pans", prepared by Mills, Short & Associates, dated March 23, 2015, signed and sealed by Jason W. Short, P.E., on June 25, 2015.
- B. TESTS
 - 1. None.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- 8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-0510.29
- A. DRAWINGS
 - 1. Drawing No. 14-1470, sheets 1 through 3 of 3, titled "20 ga. (0.038" min.) Galvalume Deck", prepared by Mills, Short & Associates, dated March 23, 2015, signed and sealed by Jason W. Short, P.E., on January 15, 2016.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 24-1127.04

> Expiration Date: 05/15/2026 Approval Date: 01/09/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. Laboratory:

Intertek/Architectural Testing

Number:

E5270.01-450-44

Type:

Uniform static air pressure wind load per TAS 202.

Signature:

Joseph A. Reed, P.E.

Date:

12/09/2015

C. CALCULATIONS

1. Title:

3" x 16" Galvalume Panel

Signature:

Jason W. Short, P.E.

Date:

01/15/2016.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

None.

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0918.09

A. DRAWINGS

1. Drawing No. 14-1470.1, sheets 1 through 3 of 3, titled "20 ga. (0.038" min.) Galvalume Deck", prepared by Mills, Short & Associates, dated December 31, 2017, signed and sealed by Jason W. Short, P.E., on December 31, 2017.

B. TESTS

1. None.

C. CALCULATIONS

None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 24-1127.04 Expiration Date: 05/15/2026

Approval Date: 01/09/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

10. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0617.06

A. DRAWINGS

1. Drawing No. 14-1470.1, sheets 1 through 3 of 3, titled "20 ga. (0.038" min.) Galvalume Deck", prepared by Mills, Short & Associates, dated May 31, 2021, signed and sealed by Jason W. Short, P.E., on June 14, 2021.

B. TESTS

None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

None.

11. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 14-1470.1, sheets 1 through 3 of 3, titled "20 ga. (0.038" min.) Galvalume Deck", prepared by Mills, Short & Associates, dated July 31, 2024, signed and sealed by Jason W. Short, P.E., on November 11, 2024.

B. TESTS

1. None.

C. CALCULATIONS

None.

D. OUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

None.

F. OTHERS

1. Bill of Sale and Assignment to change company name.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

Product Control Section Supervisor NOA No. 24-1127.04

> Expiration Date: 05/15/2026 Approval Date: 01/09/2025

GENERAL NOTES

- THE DECKING SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE HVHZ OF THE 2023 (8TH EDITION) OF THE FLORIDA BUILDING CODE.
- DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 (HVHZ) OF THE ABOVE MENTIONED BUILDING
- FOR BASIC WIND SPEEDS AS REQUIRED BY THE LOCAL JURISDICTION WHERE THIS PRODUCT IS TO BE INSTALLED A DIRECTIONALITY FACTOR Kd = 0.85 SHALL BE USED IN ACCORDANCE WITH ASCE 7-22, AND THIS SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED IN THE PANEL NOTES.
- IN ORDER TO VERIFY THE ABOVE CONDITIONS ARE MET, THE ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE WITH THE MAX. (A.S.D.) DESIGN PRESSURE INDICATED IN THE PANEL NOTES.
- 1.4. SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SHALL BE SUBMITTED FOR EVERY PERMIT. THE STRUCTURAL COMPONENTS FOR THE DECKING ATTACHMENT SHALL BE DESIGN BY A LICENSED FLORIDA PROFESSIONAL ENGINEER, AND REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPT. ON A JOB SITE SPECIFIC BASIS
- 2 STRUCTURAL ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS IS NOT A PART OF THIS P.E.D. STRUCTURAL DESIGN OF SUCH MEMBERS SHALL BE DESIGN IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 2023 (8TH EDITION), AND THE STRUCTURAL ENGINEER OF RECORD FOR THE SPECIFIC PROJECT STRUCTURAL DESIGN SHALL INCLUDE AND TAKE INTO CONSIDERATION THE ACTUAL Vx AND Vy LOADS TRANSFERRED FROM THE PANEL TO EACH SUPPORT BASED ON DEAD, LIVE, AND WIND LOADS, AND USING THE COMBINATIONS OF ASCE 7 STANDARD. STRUCTURAL MEMBERS SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPT. ON A JOR SITE SPECIFIC BASIS.
- 3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE STRUCTURAL STABILITY ("SOUNDNESS") OF THE STRUCTURE WHERE THE PANELS ARE TO BE INSTALLED.
- PANEL INSTALLATION SHALL COMPLY WITH ALL SPECIFICATIONS INDICATED IN THIS DRAWING PLUS ANY BUILDING/ZONING REQUIREMENTS PROVIDED BY THE JURISDICTION WHERE THE PERMIT IS APPLIED FOR.
- THE PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEERING FIRM IS GENERIC, AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT.
- 5.1. THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE, AND INSTALLATION (INCLUDING LIFE SAFETY) OF THIS PRODUCT BASED ON THE PRODUCT APPROVAL PROVIDED, IT IS IMPERATIVE THAT ONE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED IN THIS DOCUMENT.
- CONSTRUCTION SAFETY OF THE SITE IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR
- THIS PRODUCT EVALUATION WILL BE CONSIDERED INVALID IF MODIFIED IN ANY WAY.
- 7. SITE SPECIFIC PROJECTS PREPARED BY A REGISTERED FLORIDA ENGINEER OR ARCHITECT WHICH WILL BECOME THE PRODUCT REVISED PROFESSIONAL OF RECORD FOR THE PROJECT, AND WHO SHALL BE RESPONSIBLE FOR THE PROPER USE OF THIS P.E.D. THE PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER OF THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW
- ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT
- PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED IN A READILY VISIBLE LOCATION SHOWING THAT: 9.
- MANUFACTURER'S NAME, CITY, STATE AND THE STATEMENT "MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED "

PANEL NOTES

- PANEL SHALL BE EMBOSSED GALVALUME 20 GA. (0.038" MIN.) ASTM A792-94 GR. 50B.
- MAX, A.S.D. DESIGN PRESSURE RATING FOR PANEL WITH DECK CLIP CONNECTIONS (SHEET 3):
- 2.1. FOR (2) DECK CLIPS PER SUPPORT.
- MAX. ALLOWABLE BENDING MOMENT OF PANEL AT SUPP.
- = 680 FT -I RS
- MAX. ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPP.
- = 383 FT J RS

ELVALUE OF PANEL

- = 10.7 X 10^6 LBS-IN^2
- MAXIMUM ALLOWABLE DEFLECTION OF THE PANEL
- = L/180

MAY SUPPORT REACTION

- = 850 LBS.
- THE ABOVE ALLOWABLE STRESSES OF THE CLIPPED & BOLTED CONNECTION PANELS ARE BASED ON A 16" WIDE PANEL LOADING, TO GET THE WIND LOAD PRESSURE PER SQUARE FOOT, MULTIPLY PANEL LOAD TIMES 12/16.
- THIS PANEL SHOULD BE USED ONLY IN THE CONSTRUCTION OF OPEN CANOPIES.
- EA, CANOPY PROJECT SHALL BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND SUPPORT DETAILS AT THE STRINGERS AND INTERLOCKING SEAMS AS SHOWN ON THIS TEST. THE DESIGN OF THE PANEL SPAN SHALL BE IN COMPLIANCE WITH ALL OF THE ABOVE ALLOWABLES.
- STRUCTURAL CALCULATIONS PERFORMED AS PER SECTIONS 1616 OF THE 2023 FLORIDA BUILDING CODE, 8TH ED.

DESIGN SPECIFICATIONS:

- CANOPIES SHALL BE DESIGNED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, 2023 (8TH EDITION) AND ACCORDING TO THE WIND PROVISIONS OF ASCE 7-22. AS NOTED ABOVE.
- DECK CLIP CONNECTION TEST PRESSURE = +187.5/-127.5 PSF
- LIVE LOAD TEST PRESSURE = 30 PSF



as complying with the Florida

27. 04 20GA (0.038' MIN.) GALVALUME DECK

3/4" = 1'-0"

IS ITEM HAS BEEN DIGITALLY SHOWED & SEALED BY JASON W. SHORT MASSES N. MORRESON, ALLE MASSES OF DIGITAL SIGNATURE ISD COSTS OF THE DOCKMENT ARE NOT CONSIDERED STONED A FIR AND THE SIDA AUTHENTICATION CODE MUST BE VERIFIED ON

Metal W, Inc.

4409 McBrayer Rd | Oakwood, GA 30566 | (678)960-3109

Mills, Short & Associate

FLORIDA BUILDING CODE (HIGH & NON-HIGH VELOCITY ZONES)

700 22nd Place, Suite 2C/2D PHONE

WEBSITE:

T

STATE OF

DATE: 07/31/2024

PLAN VIEW

HEET 1 OF 3 WG. FILE NAME: METL-1-2024 OR MUMBER

DECK PANEL TESTING 20GA GALVALUME 16" WIDE PANEL

14-1470.1

Z.W.S.

ALL IDEALS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DARWING ARE OWNED BY AND THE PROPERTY OF NETU, M, FOAD WERE CREATED, PLOVALED, AND DESILOPED FOR USE ON, AND IN CONTINUENCE WITH THE SPECIFIED PRODUCT APPROVAL NOISE OF SUCH BOALS, DESIGNS, ARRANGEMENTS OR PLANS SWALL BE USED BY OR DESIGNED TO ANY PERSON, PRING, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF METAL WORKS LLC.



