NOTICE OF ACCEPTANCE (NOA)

Metl-Span, a Division of NCI Group, Inc.
1720 Lakepointe Drive, Suite 101
Lewisville, Texas 75057

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: Metl-Span CF-42 & Tuff Wall Panel

APPROVAL DOCUMENT: Drawing No. C2026, titled "CF-42 & Tuff Wall Panel", sheets 1 & 2 of 2, prepared by Pala Sockalingam, P.E., dated May 11, 2015, last revision #A dated July 14, 2017, signed and sealed by Pala Sockalingam, P.E., on August 17, 2017, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Lewisville, TX, Prince George, VA, North Las Vegas, NV, Shelbyville, IN, Mattoon, IL, Jackson, MS 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 renews NOA #17-0727.05 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, E-5 & E-6 as well as approval document mentioned above.
The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

NOA No. 18-0212.02
Expiration Date: 03/06/2023
Approval Date: 03/29/2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #02-1107.01

A. DRAWINGS

B. TESTS
   1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Metl-Span CF – 42 Wall Panel System, prepared by Hurricane Test Laboratory, Inc., Report No. 0308-0708-02, dated October 04, 2002, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

D. MATERIAL CERTIFICATIONS

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0118.02

A. DRAWINGS

B. TESTS
   1. Test report on Surface Burning Characteristics, on Metl-Span Tuff Wall Panel System, prepared by Omega Point Laboratories, Report No. 16982-120565, dated August 30, 2004, signed and sealed by John W. Dougherty, P.E.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. By Miami-Dade County Building Code Compliance Office.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0212.02
Expiration Date: 03/06/2023
Approval Date: 03/29/2018

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0830.03
   A. DRAWINGS
      1. Drawing No. C1409, titled “CF – 42 & Tuff Wall Panel”, sheets 1 and 2 of 2, prepared by Bala Sockalingam, Ph.D., P.E., dated August 19, 2005, latest revision A, dated April 17, 2006, signed and sealed by Pala Sockalingam, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. Calculations titled “Melt-Span CF – 42 Wall Panel System”, dated August 20, 2005, 8 pages, prepared by Bala Sockalingam, Ph.D., P.E., signed and sealed by Bala Sockalingam, P.E.

D. QUALITY ASSURANCE
   1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS
   1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0206.08
   A. DRAWINGS
      1. None.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS
   1. None.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0212.02
Expiration Date: 03/06/2023
Approval Date: 03/29/2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0929.01
A. DRAWINGS

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS
   1. None.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-1013.02
A. DRAWINGS

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS
   1. None.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0212.02
Expiration Date: 03/06/2023
Approval Date: 03/29/2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0212.06
   A. DRAWINGS

   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 # 13-1105.11
   A. DRAWINGS

   B. TESTS

   C. CALCULATIONS
      1. Calculations titled “Metl-Span CF – 42 Wall Panel System”, dated October 15, 2013, 3 pages, prepared, signed and sealed by Bala Sockalingam, P.E.

   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. 18-0212.02  
Expiration Date: 03/06/2023  
Approval Date: 03/29/2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0224.02
A. DRAWINGS
      by Pala Sockalingam, P.E., dated February 10, 2015, signed and sealed by Bala
      Sockalingam, P.E., on February 11, 2015.

B. TESTS
   1. Test report on Bulb-Tite Rivets 9/32” rivets and 5/16” Fab-Lok Expansion
      Fasteners for Metl-Span CF – 42 Wall Panel System, prepared by Farabaugh
      and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS
   1. Calculations titled “Revision to Metl-Span CF and Tuff Wall Panels NOA 13-
      1105.11”, dated February 11, 2015, 2 pages, prepared, signed and sealed by Bala
      Sockalingam, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

10. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0528.07
A. DRAWINGS
   1. Drawing No. C2026, titled “CF-42 & Tuff Wall Panel”, sheets 1 & 2 of 2, prepared
      by Pala Sockalingam, P.E., dated May 11, 2015, signed and sealed by Bala
      Sockalingam, P.E., on August 04, 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.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0212.02
Expiration Date: 03/06/2023
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

11. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0727.05

A. DRAWINGS

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.

F. STATEMENTS

12. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. 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.

F. STATEMENTS
   1. FBC, 2014 and 2017 Editions Compliance Letter prepared by Pala Sockalingam, P.E., dated 01/18/18, signed and sealed by Pala Sockalingam, P.E., on 01/18/2018.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 18-0212.02
Expiration Date: 03/06/2023
Approval Date: 03/29/2018
GENERAL NOTES:
1. THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH 2014 & 2017 FLORIDA BUILDING CODE (FBC). THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-10 MUST BE MULTIPLIED BY 1.6.
2. ALL WALL PANELS ARE MAX. 42" WIDE, CONSIST OF EXTERIOR 26 GA. (t = 0.019" MIN.) AND INTERIOR 26 GA. (t = 0.018" MIN.) G-90 COLD STEEL SHEETS (Fy = MIN. 44,000 PSI TESTED) COATED WITH AN EMBOSSED & PAINTED OR TUFF (STUCCO-LIKE) FINISH & ARE FOAM FILLED WITH FOAMED-IN-PLACE NON-CFC 2.0 LB/CT. FOAM POLYURETHANE.
3. THE WALL PANELS SHALL BE INSTALLED OVER WALL STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
4. THE WALL PANELS MUST BE INSTALLED OVER MIN. 2 SUPPORTS. HORIZONTAL SEAMS MAY BE PRESENT AT CENTERLINE OF SUPPORTING GRTS PROVIDING THE SEAMS ARE FLUSH & PROPERLY SEATED PER WELT-SPAN SPECIFICATIONS AND EACH PANEL END IS SECURED PER THESE DRAWINGS.
5. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
6. THIS WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE WITH PROTOCOLS TAS-201, 202 & 203.
7. ALL SCREWS SHALL BE CORROSION RESISTANT SELF-DRILLING SCREWS.
8. THE SUPPORTING STRUCTURE, OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 14 GAUGE (MIN. 0.075" MIN.) STEEL WITH MIN. Fy = 50 KSI.
9. THESE WALL PANELS SHALL NOT BE CONSIDERED TO BE USED FOR TRANSFER OF DIAPHRAM ACTION OF WALL TO SUPPORTING STRUCTURE.

TYPICAL EXTERIOR WALL ELEVATION

ALLOWABLE PRESSURE
POSITIVE OR NEGATIVE (PSF)

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PRODUCT APPROVAL IS LIMITED TO THE WALL PANEL & ITS CONNECTING CLIPS. THE STRUCTURAL ADEQUACY OF ALL OTHER STRUCTURAL ITEMS (BEAMS, COLUMNS, PURLINS, FACIA SUPPORTS, CONNECTIONS OF STRUCTURE, ETC.) SHALL BE VERIFIED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. THE WALL PANELS SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.
14 GA. 0-90 STEEL PANEL CLIP AT EA. SCREW LOCATION

** 1/4-14 SELF DRILLING SCREW WITH STANDARD WASHER TO FULLY PENETRATE SUPPORT STEEL (2 PER PANEL CLIP AT PANEL MIDSPAN LOCATIONS & 1 PER PANEL CLIP AT PANEL END LOCATIONS) **

SUPPORT STEEL BY OTHERS (t = 0.075" MIN.)

MALE EDGE DETAIL

** IN LIEU OF FAB-LOK, SFS INTEC BULB-TITE RIVETS (1194719 OR 1194721) MAY BE USED. **

WALL PANEL

14 GA. 0-90 STEEL PANEL CLIP AT EA. SCREW LOCATION

SEAM DETAIL

** 1/4-14 SELF DRILLING SCREW WITH 5/6" NEOPRENE BONDED WASHER TO FULLY PENETRATE SUPPORT STEEL (1 AT EACH DIRT LOCATIONS) **

SUPPORT STEEL BY OTHERS (t = 0.075" MIN.)

WALL PANEL

FEMALE EDGE DETAIL

2" TO 6" O/ALL THICKNESS

26 GA. (0.019" THICK) SHEET METAL

POLYURETHANE FOAM FILLED

OPTION 1:
PAINTED FINISH

26 GA. (0.019" THICK) SHEET METAL

OPTION 2:
TUFF FINISH

42" MAX.

PANEL

2/3" PANELED SHEET METAL

1/2" 0.19"

1/4" DA PRE-PUNCHED HOLES

FAB-LOK DETAIL

ELOD FAB-LOK FASTENERS FAS-104, 10-8 OR 10-12 **