



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

NOTICE OF ACCEPTANCE (NOA)

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/building

The Hillman Group, Inc.
1590 NW 27th Avenue
Pompano Beach, FL 33069

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.

DESCRIPTION: Solid-Set Machine Screw Anchor

APPROVAL DOCUMENT: Drawing No. **23-60978**, titled "Solid-Set Machine Screw Anchor", sheets 1 and 2 of 2, dated 10/19/24, with revision dated 12/19/23, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance (NOA) number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, Roselle, IL or Addison, IL 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.

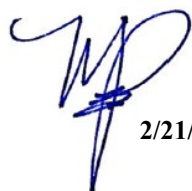
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises NOA No. 21-2108.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




2/21/24

NOA No. 24-0102.07
Expiration Date: December 21, 2026
Approval Date: February 29, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 15-1201.01)
2. Drawing No. **20-29904**, titled "Solid-Set Machine Screw Anchor", sheet 1 of 1, dated 10/22/15, with revision dated 10/19/20, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.
(Submitted under NOA No. 21-2108.05)

B. TESTS

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	CTC 11-004	ASTM E488-90	08/05/11	Yamil G. Kuri, P.E.
	<i>(Submitted under NOA No. 11-0816.06)</i>			

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
2.	CTC 02-007A	ASTM E488	05/06/02	George Dotzler, P.E.
	<i>(Submitted under NOA No. 05-1116.04)</i>			

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

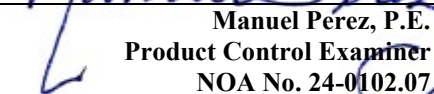
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (submitted under previous file #20-1104.20)

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** issued by Engineering Express, dated 10/19/20, signed and sealed by Frank L. Bennardo, P.E.
(Submitted under NOA No. 20-1104.20)
2. Statement letter of no financial interest issued by Engineering Express, dated 10/19/20, signed and sealed by Frank L. Bennardo, P.E.
(Submitted under NOA No. 20-1104.20)
3. Name changed and merged All Points Industries, Inc. into **The Hillman Group, Inc.** as registered in the State of Delaware, document dated December 31, 2016.
(Submitted under NOA No. 18-0301.02)
4. Certificate of Conversion dated 12/20/16, signed by Jerry W. Bullock, converting All Points Industries, Inc. into **The Hillman Group, Inc.**, filed with the State of Delaware on December 31, 2016.
(Submitted under NOA No. 18-0301.02)


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0102.07
Expiration Date: December 21, 2026
Approval Date: February 29, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

G. OTHER

1. Notice of Acceptance No. **20-1104.20**, issued to The Hillman Group, Inc. for their Solid-Set Machine Screw Anchor, approved on 02/25/21 and expiring on 12/21/26.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **23-60978**, titled "Solid-Set Machine Screw Anchor", sheets 1 and 2 of 2, dated 10/19/20, with revision dated 12/19/23, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS


1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and **FBC 8th Edition (2023)** dated December 19, 2023, issued by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of no financial interest dated December 19, 2023, issued by Engineering Express, signed and sealed by Frank L. Bennardo, P.E..

G. OTHERS

1. Notice of Acceptance No. **21-2108.05**, issued to The Hillman Group, Inc. for their Solid Set Machine Screw Anchor, approved on 01/13/22 and expiring on 12/21/26.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 24-0102.07
Expiration Date: December 21, 2026
Approval Date: February 29, 2024

c:\users\milton\engineering\express\production - documents\projects\23-123-60978 2023 noa product update 21-1208.05\work\2023 fbc\dl-qd-pe review\5 - 23-60978a noa dwg.dwg 12/19/2023 12:46 PM MILTON

THE HILLMAN GROUP, INC.

SOLID-SET ANCHORS

VALID FOR USE INSIDE AND OUTSIDE THE HVHZ (SEE LIMITATIONS HEREIN)

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

GENERAL NOTES

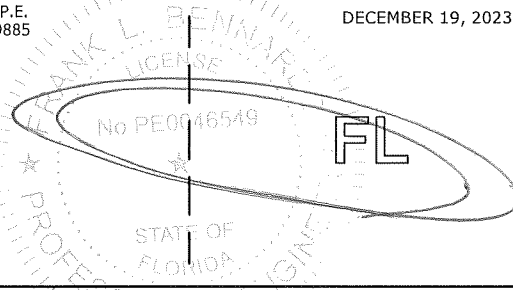
1. THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
2. ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS NOTICE OF ACCEPTANCE.
3. CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATIONS, WITH STRENGTH PROPERTIES AS SPECIFIED HEREIN. HOLLOW AND GROUT-FILLED CONCRETE BLOCK SHALL CONFORM TO ASTM C-90.
4. SOLID-SET ANCHORS SHALL BE USED WITH 1/4-20 18-8 STAINLESS STEEL MACHINE SCREWS. MACHINE SCREWS REQUIRE A MINIMUM 1/2" ENGAGEMENT OF THREADS.
5. ALLOWABLE LOAD SHOWN=ULTIMATE LOAD DIVIDED BY 4.0 FOR CONCRETE ANCHORS AND ULTIMATE LOAD DIVIDED BY 5.0 FOR MASONRY ANCHORS. NO ALLOWABLE STRESS INCREASE HAS BEEN USED IN PREPARATION OF THIS DOCUMENT.
6. ANCHOR YIELD STRENGTH $F_y=122$ KSI, ANCHOR ULTIMATE STRENGTH $F_u=137$ KSI.
7. ANCHOR CAPACITY AT SPECIFIC EDGE DISTANCE, EMBEDMENT, AND SPACING ARE BASED ON TEST RESULTS. EDGE DISTANCES, EMBEDMENT, AND SPACING BELOW THESE TABULATED VALUES ARE NOT ACCEPTABLE. INTERPOLATION BETWEEN THE SPACINGS LISTED IN THESE DESIGN TABLES IS PERMISSIBLE.
8. ANCHOR SPACING SHALL BE 3" MIN FOR 100% TENSION AND SHEAR CAPACITY.
9. ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE.
 - 9.1. DRILL A PILOT HOLE AT LEAST 1/4" DEEPER THAN THE 1/2" HOLE.
 - 9.2. CLEAN HOLES OF DEBRIS AND DUST BEFORE INSTALLATION OF ANCHOR.
 - 9.3. ANCHORS SHALL NOT BE INSTALLED BEFORE THE CONCRETE HAS DEVELOPED ITS DESIGN STRENGTH.
 - 9.4. ANCHORS SHALL NOT BE INSTALLED IN CRACKED CONCRETE AS DEFINED ON ACI 355.2.

10. THESE PRODUCT DOCUMENTS ARE GENERIC AND DO NOT PERTAIN TO A SITE-SPECIFIC APPLICATION.
11. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.
12. ANCHOR VALUES LISTED HEREIN ARE DETERMINED THROUGH TESTING REPORT DATA AND CHECKED FOR CONSISTENCY WITH EACH TEST PERFORMED.
13. REFERENCE THE FOLLOWING TEST REPORTS: CONSTRUCTION TESTING CORPORATION REPORT NO. 02-007A DATED 05/06/02 AND REPORT NO. 11-004 DATED 07/29/2011 & REFERENCE WINGERTER LABORATORIES, INC. REPORT NO. 2 DATED 4/11/02 AND REPORT NO. 3.
14. ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
15. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
16. ANCHOR CAPACITIES VALUES ON THIS APPROVAL ARE BASED ON (ASD) ALLOWABLE STRENGTH DESIGN METHODOLOGY.

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **24-0102.07**
Expiration Date: **12/21/2026**
By: *Manuel Perez*
Miami-Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA# 9885

DECEMBER 19, 2023



NOTE REGARDING USE OF THIS DOCUMENT & USE OUTSIDE FLORIDA:

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. THIS PRODUCT EVALUATION IS VALID FOR USE IN **FLORIDA ONLY**. USE OF THIS EVALUATION REQUIRES A REVIEW & CERTIFICATION BY A LOCAL DESIGN PROFESSIONAL WHO SHALL BE RESPONSIBLE FOR THE PROPER ADAPTATION OF THIS GENERAL PERFORMANCE EVALUATION TO ANY SITE-SPECIFIC PROJECT. CONTACT ENGINEERING EXPRESS FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA.

PAGE INDEX:

SHEET INDEX	
# SHEET	DESCRIPTION
1	COVER SHEET
2	ANCHOR SPECIFICATIONS

TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS MAY APPEAR IN THIS APPROVAL:

"ADDTL." FOR "ADDITIONAL", "AHJ" FOR "AUTHORITY HAVING JURISDICTION", "ALUM" FOR "ALUMINUM", "ASD" FOR "ALLOWABLE STRESS DESIGN", "BO" FOR "BUILD-OUT", "CS" FOR "CARBON STEEL", "EA." FOR "EACH", "E.D."/"EDGE"/"EDGE DIST." FOR "EDGE DISTANCE", "ELEV" FOR "ELEVATION", "EMBED" FOR "EMBEDMENT", "EQ"/"EQUIV." FOR "EQUIVALENT", "EXT" FOR "EXTERIOR", "FBC" FOR "FLORIDA BUILDING CODE", "ft" OR " " FOR "FEET", "G" FOR "SPECIFIC GRAVITY", "GA" FOR "GAUGE", "GALV" FOR "GALVANIZED", "GFB" FOR "GROUT-FILLED BLOCK", "GR" FOR "GRADE", "HOLLOW" FOR "HOLLOW BLOCK", "HORIZ" FOR "HORIZONTAL", "HVHZ" FOR "HIGH-VELOCITY HURRICANE ZONE", "in" OR " " FOR "INCHES", "INT" FOR "INTERIOR", "KSI" FOR "1,000 lb / in²", "L" FOR "LENGTH", "LB" FOR "POUND", "MAX" FOR "MAXIMUM", "MIN" FOR "MINIMUM", "N.T.S." FOR "NOT TO SCALE", "O.C." FOR "ON-CENTER", "P.E." FOR "PROFESSIONAL ENGINEER", "PERP" FOR "PERPENDICULAR", "PSF" FOR "POUNDS PER SQUARE FOOT (lb/ft²)", "PSI" FOR "POUNDS PER SQUARE INCH (lb/in²)", "QTY" FOR "QUANTITY", "REF." FOR "REFERENCE", "SCHED." FOR "SCHEDULE", "SDS" FOR "SELF-DRILLING SCREWS", "SMS" FOR "SHEET METAL SCREWS", "SPECS" FOR "SPECIFICATIONS", "SS" FOR "STAINLESS STEEL", "SUB" FOR "SUBMITTAL", "TAS" FOR "TESTING APPLICATION STANDARD", "TYP." FOR "TYPICAL", "ULT" FOR "ULTIMATE LOADS", "U.N.O." FOR "UNLESS NOTED OTHERWISE", "UTS" OR "Fu" FOR "ULTIMATE TENSILE STRENGTH/STRESS", "VERT" FOR "VERTICAL", "WLL" FOR "WORKING LOAD LIMIT", "W/" FOR "WITH", "W/O" FOR "WITHOUT", "YS" FOR "YIELD STRENGTH", "#" FOR "NUMBER", "&" FOR "AND", AND "Ø" FOR "DIAMETER".

CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

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THE HILLMAN GROUP, INC.

1590 NW 27TH AVE.
POMPANO BEACH, FL
(954) 984-0116

SOLID-SET MACHINE SCREW ANCHOR
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (20-23904)	RWN	RWN	10/19/20
2023 FBC UPDATE	MRT	RWN	12/19/23

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23-60978

SCALE: NTS UNLESS NOTED

1

OF 2

<p>THE HILLMAN GROUP, INC.</p> <p>1590 NW 27TH AVE. POMPANO BEACH, FL (954) 984-0116</p>	<p>SOLID-SET MACHINE SCREW ANCHOR</p> <p>FLORIDA BUILDING CODE EIGHTH EDITION (2023) MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)</p>
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