

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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

NOTICE OF ACCEPTANCE (NOA)

Quickscrews Int'l Corp. 5830 Las Positas Rd. Livermore, CA 94551

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: QuickBOLT Butyl Bottom Stainless Steel Deck Solar Mount

APPROVAL DOCUMENT: Drawing No. QBDM-HZ, titled "QuickBOLT Butyl Deck Mount Solar Bracket" Microflashing", sheets 1 through 2 of 2, prepared by QuickBolt a div of Quickscrews Int'l Corp., dated on 03/14/2024, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", 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 this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY APPROVED

04/17/24

NOA No: 23-1122.07 Expiration Date: April 25, 2029 Approval Date: April 25, 2024

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **QBDM-HZ**, titled "QuickBOLT Butyl Deck Mount Solar Bracket" Microflashing", sheets 1 through 2 of 2, prepared by QuickBolt a div of Quickscrews Int'l Corp., dated on 03/14/2024, signed and sealed by Scott Wolters, P.E.

B. TESTS

- 1. Test report on Uplift and Shear Allowable Loads of the Butyl Bottom Deck Mounts per ASTM D7147-21, prepared by Intertek, Test Report No. **Q6437.01-106-18 R2**, dated 11/17/2023, with revision dated 03/25/2024, signed and sealed by Tanya A. Dolby, P.E.
- 2. Test report on Wind Driven Rain Resistance of the Butyl Bottom Deck Mounts per TAS 100(A)-95, prepared by Intertek, Test Report No. **P9590.02-109-18**, dated 08/07/2023, signed and sealed by Tanya A. Dolby, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Wolters Engineering, Inc., dated 02/13/2024, signed and sealed by Scott Wolters, P.E.

D. MATERIAL CERTIFICATIONS

1. None.

E. **QUALITY ASSURANCE**

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

F. STATEMENTS

- 1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Wolters Engineering, Inc., dated 02/13/2024, signed and sealed by Scott Wolters, P.E.
- 2. Statement letter of no financial interest, issued by Wolters Engineering, Inc., dated 02/13/2024, signed and sealed by Scott Wolters, P.E.
- **3.** Distributor agreement dated 01/17/2024.

Carlos M. Utrera, P.E. Product Control Examiner NOA No: 23-1122.07

Expiration Date: April 25, 2029 Approval Date: April 25, 2024

QUICKBOLT PN 16319/16320 BUTYL DECK MOUNT SOLAR BRACKET

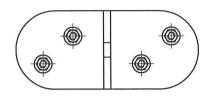
GENERAL NOTES:

- 1. THIS SYSTEM HAS BEEN DESIGNED AND TESTED TO MEET ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
- 2. THIS SYSTEM HAS BEEN TESTED PER TAS 100(A) AND ASTM D7147.
- 3. THE DESIGN OF THE SUBSTRATE IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD OR OTHER SPECIALTY ENGINEER, AND IS NOT A PART OF THIS APPROVAL. THE SUBSTRATE MUST SAFELY TRANSMIT THE LOADS APPLIED TO THIS SYSTEM TO THE BUILDING STRUCTURE.
- 4. FIRE RATINGS OR FIRE RESISTANCE IS NOT A PART OF THIS REVIEW.
- 5. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
- 6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
- 7. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.
- 8. THE ALLOWABLE LOADS SHOWN ARE BASED ON FASTENING TO THE 19/32" (min) PLYWOOD SHEATHING ONLY. THE SHEATHING AND ITS CONNECTION TO SUPPORTS/RAFTERS ARE NOT A PART OF THIS APPROVAL, AND MUST BE VERIFIED BY THE ENGINEER OF RECORD.
- 9. BRACKET FASTENERS MUST FULLY PENETRATE THE 19/32" (min) SHEATHING, WITH 3 THREADS (min) BEYOND.

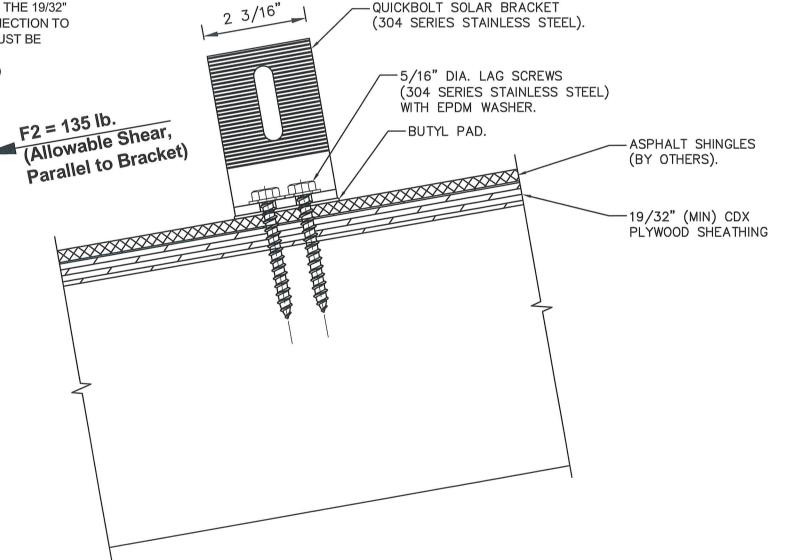
F2 = 135 lb. (Allowable Shear, Parallel to Bracket)

F3 = 336 lb.

(Allowable Shear, Perpendicular to Bracket)



TOP VIEW



SIDE VIEW

(Allowable Pullout/Uplift)

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-1122.07

OA-No. 23-1122.07

Approval Date 04/25/2024
By

Miami-Dade Product Control





PRODUCT:
QUICKBOLT BUTYL
DECK MOUNT
SOLAR BRACKET

GBDM-HZ
SHEET: 1/2

