Signature Hardware, LLC  
211 Endeavor  
Rogersville, Missouri 65742

**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:** Series “Design Hardware 1000 & 2000” Panic Rim Exit Device-Component Approval

**Approval Document:** Drawing No “MD1007” (former AD11-10), titled “Design Hardware Series 1000 & 2000 Rim Exit Device”, sheets 1 through 3 of 3, prepared by Building Drops, Inc., dated 01-11-17, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**Missile Impact Rating:** Large and Small Missile Impact Resistant

**Limitations:**

1. The Panic Exit Device component approval are to be used as an alternate in the single Outswing steel doors (36”W X 84”H max panel), having current NOA. Lower design of door or the panic component shall control.
2. Electrical device installation is not part of this approval, such installation to be reviewed by AHJ.

**Labeling:** Each unit shall bear a permanent label with the manufacturer’s name or logo, New Taipei City, Taiwan and series and following statement: "Miami-Dade County Product Control Approved", 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 & renews** NOA # 11-0414.11 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

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NOA No. 16-1116.03  
Expiration Date: September 22, 2021  
Approval Date: March 09, 2017  
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Signature Hardware, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)
5. Certificate of Organization issued by State of Missouri to Signature Hardware, LLC dated June 7th, 2001, signed by Matt Blunt, Secretary of State.
6. Certificate of Fictitious Registration dated 1/5/2006 in the state of Missouri, under Design Hardware issued to Signature Hardware, LLC.
7. Distributor agreement dated July 22, 2011 between Signature Hardware dba Design Hardware, USA and Design Hardware Asia, Taiwan dated July 25, 2011, signed by Johannes Lopez and Chang Lu Chiu-Lan, respectively on behalf of their company.
8. Statement of lab compliance, as part of test reports & marked-up Dwgs referenced above.

G. OTHER
1. This NOA revises & renews NOA # 11-0414.11, expiring 09/22/21.
2. Design Hardware Panic devices & Lockwood mullion brochures / catalogs supplied by the Vision Hollow Metal Limited per NOA # 10-0623.02.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 16-1116.03
Expiration Date: September 22, 2021
Approval Date: March 09, 2017
GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPARE WITH THE REQUIREMENTS OF THE 5TH EDITION (2014) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

- HARDWARE WAS TESTED FOR LARGE MISSLE IMPACT.

- DESIGN HARDWARE SERIES 1000 & 2000 RIM PANIC LOCATED AT 39 1/16" UP FROM BOTTOM EDGE OF THE OPERABLE PANEL.

LIMITATIONS:

1. THE LOCKING PANIC HARDWARE PRODUCTS LISTED IN THIS NOA SHALL BE USED IN CONJUNCTION WITH CURRENT NOA'S UTILIZING SIMILAR LOCKING COMPONENTS. DESIGN PRESSURE RATING WILL BE LIMITED BY THE LOWEST RATED APPROVAL. THE PRODUCT CAN BE USED WITH HOLLOW - METAL STEEL DOORS HOLDING CURRENT NOA.

2. THIS HARDWARE COMPONENT IS APPROVED AS AN ALTERNATIVE DEVICE TO BE USED IN A SINGLE PANEL STEEL DOOR, HOLDING CURRENT NOA. THE LOWEST DESIGN PRESSURE RATING AT THIS COMPONENT OR THE DOOR SHALL APPLY.

3. DOOR PANEL SHALL BE CORE FILLED WITH APPROVED PAPER HONEYCOMB OR CORE COMPLIANT WITH FBC OPTIONS. WITH MINIMUM OVERALL 1.75" THICKNESS.

4. DOOR PANEL FACE SHEET: MIN. 20 GA (.032" THK.) STEEL, Fy = 47.5 KSI MIN. DOOR FRAME: MIN. 18 GA. (.053" THK.), STEEL Fy = 65.1 KSI MIN

5. DOOR PANEL OPTION: STAINLESS STEEL A316 OR A304 MIN. 20 GA. (.032" THK.), Fy = 47.5 KSI OR BETTER MAY QUALIFY HAVING "MIL-CERTIFICATE" AS A VERIFICATION OF THE AVAILABLE MIN. YIELD STRENGTH.

6. REINFORCEMENTS:

6.1 - MIN. 14" LONE PANIC BOX REINF. (.1-3/16" X 4-3/16" X 16GA) @ DOOR & HINGE STYLES AT PANIC LOCATION AS REQUIRED

6.2 - 2 MIN. 1.5/8" X 1.5/8" X 16GA (.053") FULL LENGTH END CHANNEL @ TOP & BOTTOM OF THE DOOR PANEL IS REQUIRED

7. ELECTRICAL INSTALLED IS NOT PART OF THE APPROVAL & SUCH INSTALLATION MUST BE REVIEWED BY CORRESPONDING BUILDING AUTHORITY.
SERIES 1000 & 2000 RIM EXIT DEVICE

NOTE:
HOLLOW METAL STEEL DOORS & FRAME SIZES AND ITS ANCHORS & SUBSTRATE AS PER DOOR CURRENT HOLDING NO A

STEP #1
(4) 1/4" SMS - 20P FLAT HEAD SCREW

STEP #2
1/4" - 20P FLAT HEAD SCREW

STEP #3
(3) 1/4" SMS - 20P FLAT HEAD SCREW

ROLLE R STRIKE PLATE

SERIES 1000 & 2000 RIM PANIC EXIT DEVICE INSTALLATION
RIM PANIC EXIT PARTS ILLUSTRATED

BILL OF MATERIALS

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