



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](http://www.miamidade.gov/building)

**Armoured One, LLC**  
386 Midler Avenue  
Syracuse, NY 13206

**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: Armoured One Hybrid 1.16 mm Glass Interlayer**

**APPROVAL DOCUMENT:** Drawing No. **Hybrid-1.16mm-NOA**, titled "Product Description/Test Data", sheet 1 of 1, , prepared by manufacturer, dated 11/28/2023, signed and sealed by Lucas A. Turner, 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**

**LIMITATION: This is not a structural approval.**

**LABELING:** Laminated lites under this product approval shall be permanently marked in a corner of the glass with: Armoured One Hybrid 1.16 mm, MDCA, and the laminator's identification mark or code. The interlayer's packaging is to identify the manufacturer's name or logo, manufacturing plant's city and state, model/series, and the statement reading 'Miami-Dade County Product Control Approved.

**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 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



03/14/24

NOA No. 24-0102.01  
Expiration Date: February 28, 2029  
Approval Date: February 29, 2024  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **Hybrid-1.16mm-NOA**, titled “Product Description/Test Data”, sheet 1 of 1, prepared by manufacturer, dated 11/28/2023, signed and sealed by Lucas A. Turner, P.E.

**B. TESTS**

|    | <b><u>Test Report No.</u></b>      | <b><u>Standard</u></b> | <b><u>Date</u></b> | <b><u>Signature</u></b> |
|----|------------------------------------|------------------------|--------------------|-------------------------|
| 1. | <b>Intertek-N8820.01-106-18 R1</b> | ASTM G155-13           | 08/31/23           | Tanya A. Dolby, P.E.    |
| 2. | <b>Intertek-N8820.01-106-18 R1</b> | ASTM C158-02           | 08/31/23           | Tanya A. Dolby, P.E.    |
| 3. | <b>Intertek-N8820.01-106-18 R1</b> | ASTM D1929-16          | 08/31/23           | Tanya A. Dolby, P.E.    |
| 4. | <b>Intertek-N8820.01-106-18 R1</b> | ASTM D2843-16          | 08/31/23           | Tanya A. Dolby, P.E.    |
| 5. | <b>Intertek-N8820.01-106-18 R1</b> | ASTM D635-14           | 08/31/23           | Tanya A. Dolby, P.E.    |

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

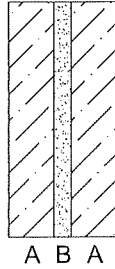
1. Statement letter of conformance with the 8<sup>th</sup> edition (2023) of the FBC, issued by Turner Engineering & Consulting, Inc., dated 11/29/2023, signed and sealed by Lucas A. Turner, P.E.
2. Statement letter of no financial interest, issued by Turner Engineering & Consulting, Inc., dated 11/29/2023, signed and sealed by Lucas A. Turner, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 24-0102.01**  
**Expiration Date: February 28, 2029**  
**Approval Date: February 29, 2024**

# ARMOURED ONE, LLC, HYBRID 1.16MM GLASS INTERLAYER



## PRODUCT DESCRIPTION:

A. 3/32" THICK MIN. ANNEALED GLASS

B. CLEAR HYBRID 1.16 MM GLASS INTERLAYER FILM

## MANUFACTURER:

ARMOURED ONE, LLC

## MATERIAL PROPERTIES TESTED PER FLORIDA BUILDING CODE:

| TEST DESCRIPTION           | TEST METHOD | TEST RESULTS   |
|----------------------------|-------------|--|
| SELF-IGNITION TEMPERATURE  | ASTM D 1929 | 824 F / PASS   |
| FLASH IGNITION TEMPERATURE | ASTM D 1929 | 824 F / PASS   |
| SMOKE DENSITY RATING       | ASTM D 2843 | 31.6 / PASS  |
| RATE OF BURNING            | ASTM D 635  | CLASS CC1 / PASS   |
| XENON ARC LAMP WEATHERING  | ASTM G 155  | NO DAMAGE  |
| AVG. FLEXURAL PROPERTIES   | ASTM C 158  | CONTROL: 4,610 PSI<br>WEATHERED: 4,670 PSI<br>DIFF. +1.3% / PASS |

## NOTE:

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF THE STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THIS COMPONENT SHALL APPLY FOR A NOA TO THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FLORIDA BUILDING CODE.

**PRODUCT APPROVED**  
as complying with the Florida  
Building Code

NOA-No. 24-0102.01

Approval Date 02/29/2024

By   
Miami-Dade Product Control



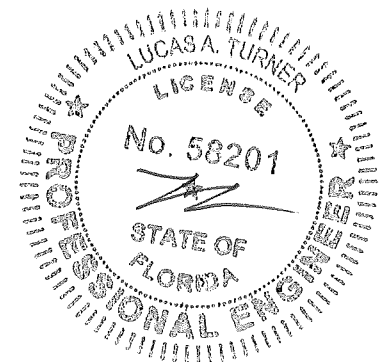
386 N Midler Ave., Syracuse, NY 13206 | Ph. (315) 720-4186

SHEET DESCRIPTION:  
PRODUCT DESCRIPTION / TEST DATA

DATE DRAWN:  
11/28/2023

DRAWING: HYBRID-1.16MM-NOA

REV: 0  
SHEET: 1 OF 1



11/29/2023

Lucas A. Turner, FL PE #58201

2428 Old Natchez Trc Trl

Turner Engineering & Consulting, Inc.  
Camden, TN 38320 | Ph. 941-380-1574