Activar Construction Products Group, Inc.
4450 West 78th Street Circle,
Bloomington, MN 55435

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 VLFIG-HRC-F & VLFEZ-HRC glazed Steel lite kit Assembly (Component- Approval)

APPROVAL DOCUMENT: Drawing No. AD15-01, titled "Glazed Lite Kit For Steel Door (LMI/SMI)", sheets 1 through 3 of 3, prepared by MYC Engineering Inc., dated DEC 18, 2018, signed and sealed by Yipping Wang, 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. This lite kit component approval can be used in impact Single or Double 18 (.048") ga Steel door, having current NOA with min 13” stiles and 16” min Rails. Lower Design Pressure of this component or door shall control.
2. Fire Rating is not part of this approval and to be reviewed by Authority Having Jurisdiction (AHJ).
3. Fixed glass lite wider than 36” shall have approved setting block.

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state 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 NOA # 17-0404.01 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 Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections (submitted under file see below)
2. Drawing No. AD15-01, titled “Glazed Lite Kit For Steel Door (LMI/SMI)”, sheets 1 through 3 of 3, prepared by MYC Engineering Inc., dated 01/21/15 and last revised on FEB 22, 2017, signed and sealed by Yipping Wang, P.E.
Note: This revision consist of updating laminate manufacturer only.

B. TESTS (submitted under file #15-0304.03)
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of outswig Steel door w/ glazed steel lite kit assembly, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL 7245, dated 08/22/14 and FTL 8120, dated 12/19/14, signed and sealed by Idalmis Ortega, P. E.
Note: Test report FTL7245 has been revised by an addendum letter dated April 10, 2015, issued by Fenestration Testing lab, signed and sealed by Idalmis Ortega, P. E.

C. CALCULATIONS (submitted under file #15-0304.03)
1. Anchor Verification calculation dated 02/17/15, prepared by MYC Engineering Inc., signed and sealed by Yipping Wang, P.E.
2. Glazing complies w/ ASTM-1300-04 & -09.

D. QUALITY ASSURANCE
1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS
3. Tensile strength test report FTL 8319 for “Kit Steel frame” per ASTM-08, dated 04/07/15 issued by Fenestration Testing lab, signed and sealed by Idalmis Ortega, P. E.

F. STATEMENTS (All items except #1, submitted under file #15-0304.03)
1. Statement letter dated Feb 22, 2017 for only revision of updating the current manufacturer of the “Sentryglas interlayer”, issued by MYC Engineering Inc., signed and sealed by Yipping Wang, P.E.
2. Statement letter of conformance FBC 2014 (5th Edition) and letter of no financial interest, dated 02/13/15, prepared by MYC Engineering Inc., signed and sealed by Yipping Wang, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-1220.12
Expiration Date: July 03, 2020
Approval Date: January 17, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)
4. State of Minnesota certificate of Assumed Name, issued to Activar Construction Product Group for "AIR LOUVERS" and "JL Industries" dated 06/22/15, signed by Secretary of State.
5. Lab compliance as part of the above referenced test report.

G. OTHER
1. This NOA revises NOA # 15-0304.03, expiring 07/03/20.
2. Test proposal #13-1663, dated 04/04/14 approved by RER.
3. Internet posting of Activar CPG companies.

I. New Evidence submitted.

A. DRAWINGS
1. Drawing No. AD15-01, titled "Glazed Lite Kit For Steel Door (LMI/SMI)", sheets 1 through 3 of 3, prepared by MYC Engineering Inc., dated DEC 18, 2018, signed and sealed by Yipping Wang, P.E. (Note: this revision is updating FBC 2017 (6th Edition) and designation VLFIG-HRC-F.

B. CALCULATIONS
1. None

C. QUALITY ASSURANCE
1. Miami Dade Department of Regulatory and Economic Resources (RER).

D. MATERIAL CERTIFICATIONS
2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "Sentry Glass @ Interlayer", expiring on 07/04/23.

E. STATEMENTS

F. OTHER
1. This NOA revises NOA # 17-0404.01, expiring 07/03/20.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-1220.12
Expiration Date: July 03, 2020
Approval Date: January 17, 2019
SERIES VLFIG-HRC-F AND VLFEZ-HRC GLAZED LITE KITS (LMI & SMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- THE IMPACTED LITE KIT ASSEMBLY, AS A COMPONENT, IS TO BE USED AS A SUBSTITUTE TO A SIMILAR GLAZED IMPACTED DOOR LITE ASSEMBLY, IN AN ALREADY APPROVED IMPACTED GLAZED DOOR SYSTEM, HAVING CURRENT NOA (NOTICE OF ACCEPTANCE).
- GLAZING RATED FOR LARGE AND SMALL MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS WHEN IT IS USED ON LARGE OR SMALL IMPACT DOOR.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2017 FLORIDA BUILDING CODE SECTION AS APPLICABLE.
- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE7-10, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.

MANUFACTURING FACILITIES:
THE LITE KITS IN THIS NOA ARE MANUFACTURED AT THE FOLLOWING TWO LOCATIONS:

ACTIVAR CONSTRUCTION PRODUCTS GROUP, INC.
4450 WEST FIFTH STREET CIRCLE
BLOOMINGTON, MN 55435
(952) 838-1864

ACTIVAR CONSTRUCTION PRODUCTS GROUP, INC.
6335 RANDOLPH STREET
COMMERCCE, CA 90040
(323) 490-1405

LIMITATIONS:
1. THE IMPACTED LITE KIT ASSEMBLY SHALL BE USED IN STEEL DOOR. DOOR PANEL SHOULD BE 18 GA. (0.048") MIN. AND FY = 42 KSI MIN. DOOR FRAME SHOULD BE 16 GA. (0.062") MIN.
2. DOOR PANEL SHOULD BE 1 3/4" THK. MIN. WITH POLYSTYRENE CORE MIN. COMPLYING WITH FLORIDA BUILDING CODE REQUIREMENTS. DOOR RAILS SHOULD BE 16" MIN. DOOR STILES SHOULD BE 13" MIN.
3. MAXIMUM DOOR PANEL SIZE SHOULD BE 100" X 100" FOR DOUBLE PANEL DOOR AND 50"X100" FOR SINGLE PANEL DOOR.
4. THE LOWER DESIGN PRESSURE OF THIS KIT COMPONENT OR THE APPROVED STEEL DOOR NOA WILL BE THE MAX. DESIGN LOAD FOR THE PRODUCT.
5. THIS PRODUCT CANNOT BE APPROVED WITH OPAQUE DOOR SYSTEM NOA.
6. FIRE RATING IS NOT PART OF THIS APPROVAL AND IS TO BE REVIEWED BY BUILDING OFFICIAL.
**SECTION**

**LITE KIT ASSEMBLY #1 (SERIES VLFIG-HRC-F)**

1. **LITE KIT FRAME #1** (18 GA. 0.048" MIN.)
   - Fy MIN. = 51.1 KSI
   - Fu MIN. = 56.3 KSI

2. **LITE KIT FRAME #2** (20 GA. 0.039" MIN.)
   - Fy MIN. = 40.3 KSI
   - Fu MIN. = 52.4 KSI

**BILL OF MATERIALS**

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<th>ITEM</th>
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<th>DESCRIPTION</th>
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<td>AIR LOUVERS / UL INDUSTRIES</td>
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<td>#8 X 1&quot; FH SMS</td>
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**SECTION**

**LITE KIT ASSEMBLY #2 (SERIES VLFEZ-HRC) (OPTION)**

**LITE KIT CORNER CONNECTION DETAIL**

CONTINUOUS TIG WELDING INSIDE OF FRAME

**PRODUCT REVIEW**

- **APPROVED BY:**
  - 1/22/20
- **PRODUCT NO.:**
  - 124-17
- **MANUFACTURER:**
  - KODISPACE

**STATE OF FLORIDA**

- **PROFESSIONAL ENGINEERS IN FLORIDA**
  - PE No.: 08691
  - 18920 15TH STREET
  - MIA 33069

**ATC-15 CONSTRUCTION PRODUCTS GROUP INC.**

- **P. (215) 327 - 5760**
- **F. (215) 400 - 2713**

**MAIO ENGINEERING, INC.**

- **P. (727) 568-0063**
- **F. (727) 568-0064**
- **1631 13TH AVENUE, STE 206**
- **ST. PETERSBURG, FL 33701**

**MAM BOLE PROD. CO.**

- **P. (813) 444-0731**
- **F. (813) 444-0732**
- **4900 22ND ST.**
- **ST. PETERSBURG, FL 33714**

**AD15-01**

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