Philadelphia Hardware Group, Inc.
6590 Top Gun Street
San Diego, CA 92121

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: PHG “Advantage” Cylindrical lock and Mortise lock w/ dead bolt-Component Approval-Impact

APPROVAL DOCUMENT: Drawing No. 15-02 Rev B, titled “Advantage Series leverset locks”, sheets 1, 1.1 through 4 of 4 dated 05/12/15 and last revised on May 2, 2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 Missile Impact Resistant

Limitations:
1. This component is approved to be used as an alternate locking device w/an approved outswing Single or double Steel doors, having current NOA (Notice of Acceptance). Lowest Design Pressure of doors or this component approval may control.
2. See respective Design Pressures tables in sheets 2-4 and limitations in sheet 1 of the component approval drawing.
3. 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, 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 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 # 15-0629.03 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (submitted under file below)
   2. Drawing No. 15-02 Rev A, titled “Advantage Series leverset locks”, sheets 1, 1.1 through 4 of 4
dated 05/12/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file # 15-0629.03)
   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, TAS 202-94
   along with marked-up drawings and installation diagram of Advantage Series cylindrical and Mortise
   locks, prepared by Fenestration Testing Lab, Test Report No. FTL 7524, dated 07/11/14, signed and
   sealed by Idalmis Ortega, P. E.
   Note: This test report has been issued an addendum letter dated April 07, 2016, issued by Fenestration
   Testing Lab)

C. CALCULATIONS
   1. Anchor verification complying w/FBC 2014 (5th edition), prepared by prepared by Al-Farooq
      Corporation , dated 05/18/15, signed and sealed by Javad Ahmad, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
      05/18/2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
   2. Statement letter dated MAR 03, 2016, issued by Ryder International Co., Ltd, Taiwan, authorizing
      Philadelphia Hardware Group (PHG) Inc., USA to distribute their Advantage series commercial
      hardware.
   3. Lab compliance as part of the above referenced test reports.

G. OTHER
   1. Test proposal #12-1988 dated Jan 04, 2013 approved by RER.
   2. Distribution agreement between Philadelphia Hardware Group (PHG) Inc., USA and Ryder
      International Co, Ltd, Taiwan, signed by James Uy, manager (PHG) and Chung I. Huang,
      manger(Ryder Int’l.), respectively on behalf of their companies.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0504.10
Expiration Date: May 12, 2021
Approval Date: May 30, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. Drawing No. 15-02 Rev B, titled “Advantage Series leverset locks”, sheets 1, 1.1 through 4 of 4
dated 05/12/15 and last revised on May 2, 2018, prepared by Al-Farooq Corporation, signed and
sealed by Javad Ahmad, P.E.
Note: This revision consist of editorial FBC 2017 update notes.

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
by Al Farooq Corporation, dated 05/01/18, signed and sealed by Javad Ahmad, P.E.
   2. Statement of lab compliance, as part of test report.

G. OTHER
   1. This NOA revises NOA # 15-0629.03, expiring 05/12/21

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0504.10
Expiration Date: May 12, 2021
Approval Date: May 30, 2018
PHG ADVANTAGE SERIES LEVERSET LOCKS
(Component Approval)

2 X 3 X 1/8" MULLION TUBE MIN. Fy = 40 KSI UNDER SEPARATE NOA TO BE REVETED BY MH

DOOR LEAF WITH OR WITHOUT SHIPPERS SEE DOOR NOA

SECTION B-B

OUTSWING STEEL DOORS
UNDER SEPARATE APPROVAL

COMBINATION OF PHG CYLINDER LEVER LOCKS OR PHG MORTISE LOCK WITH PHG ADVANTAGE SERIES PANIC EXIT DEVICES, SEE SEPARATE CURRENT NOA(5) FOR EXIT DEVICE AND MULLION CAPACITY AND INSTALLATION. LOWER DESIGN PRESSURE RATINGS FROM APPROVED DOOR OR LOCKING HARDWARE COMPONENT OR MULLION NOA(S) SHALL APPLY TO ENTIRE ASSEMBLY.

LIMITATIONS:
1. LOCKING HARDWARE COMPONENT IS APPROVED TO BE USED AS EQUAL ALTERNATIVE IN SINGLE OR DOUBLE STEEL OUTSWING DOORS HOLDING CURRENT NOA. LOWEST DESIGN PRESSURE RATING FROM DOOR OR LOCK COMPONENT NOA WILL APPLY.
2. DOOR PANEL FACE SHEETS TO BE MIN. 18 GA. (.048" MIN.) Fy MIN.=51 KSI STEEL OR BETTER. FRAME JAMBS/STRIKE PLATE TO BE MIN. 16 GA. (.060" MIN.) STEEL OR BETTER. MULLION TO BE MIN. 1/8" THK. STEEL OR BETTER UNDER SEPARATE NOA. LEAF SIZES NOT TO EXCEED 36" WIDTH & 84" HEIGHTS OR FRAME SIZES SHOWN.
3. ELECTRICAL/ELECTRONIC FUNCTION AND INSTALLATION OTHER THAN SELF CONTAINED ELECTRONIC DEVICE IS NOT PART OF THIS APPROVAL. AND SUCH INSTALLATION MUST BE REVIEWED BY CORRESPONDING BUILDING AUTHORITY.
4. EGRESS COMPLIANCE TO BE REVIEWED BY BUILDING OFFICIAL.
5. PHG LOCKING HARDWARE SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

SEE APPROVED DOOR CURRENT NOA FOR DOOR CONSTRUCTION, DESIGN LOAD RATING AND INSTALLATION DETAILS

FOAM CORE COMPLYING WITH FRC REQUIREMENTS

SECTION A-A CYLINDRICAL LEVERSET

SECTION C-C MORTISE LEVERSET

LOCK & STRIKE REINFORCEMENTS SEE DOOR NOA

FOAM CORE COMPLYING WITH FRC REQUIREMENTS

40° MAX.
FRAME WIDTH
36" MAX.
DOOR OPN.
36" MAX.
DOOR LEAF W.
36" MAX.
DOOR LEAF W.

40° MAX.
FRAME WIDTH
36" MAX.
DOOR OPN.
36" MAX.
DOOR LEAF W.
36" MAX.
DOOR LEAF W.
INACTIVE LEAF
 SERIES "HDB8-12-12" HD SQUARE SURFACE MOUNT METALLIC MANUALLY OPERATED SURFACE BOLTS FASTENED TO LOCK STYLE WITH (4) 1/4-20 X 1-1/2" FH MS WITH 6X BOLTS

INACTIVE LEAF
 SERIES "EFB-01" METALLIC MANUALLY OPERATED FLUSH BOLTS FASTENED TO LOCK STYLE WITH (4) #8 X 1-3/8" FH MACHINE SCREWS

DOUBLE OUTSWING STEEL DOOR
 UNDER SEPARATE APPROVAL

MORTISE OR CYLINDRICAL LOCK

SURFACE BOLT & STRIKE REINFORCEMENTS SEE DOOR NOA

5" MAX. FRAME HEIGHT
4.5" MAX. DOOR LEAF HT.

36" MAX. 36" MAX.
DOOR LEAF W. DOOR LEAF W.

5" MAX. FRAME HEIGHT
4.5" MAX. DOOR LEAF HT.

36" MAX. 36" MAX.
DOOR LEAF W. DOOR LEAF W.

MORTISE OR CYLINDRICAL LOCK

FLUSH BOLT & STRIKE REINFORCEMENTS SEE DOOR NOA

Guiding Plate

SEE APPROVED DOOR CURRENT NSA FOR DOOR CONSTRUCTION, DESIGN LOAD RATING AND INSTALLATION DETAILS
PHG ADVANTAGE E SERIES
CYLINDRICAL LEVERSET
SEE ELEVATION ON SHEET 1

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(36" X 84" MAX. DOOR LEAF SIZE) = 90.0 PSF
1/2" MIN. ST/ST LATCHBOLT THROW

IN Inside LEVER

MOUNTING SCREWS
12-24 x 1-3/8" CS MS

INSIDE ROSE LINER

1/8 x 3/4" FH MULTI THREAD SCREWS

INSIDE MOUNTING PLATE

1-1/4" x 4-7/8" x .068" THK. STEEL
STRIKE PLATE FACING LOCK
FASTENED TO FRAME
WITH (2) #10 x 1" FH MULTI THREAD SCREWS

LOCK BODY ASSEMBLY

SCREW POST

INSIDE LEVER

INSIDE ROSE

1/2" MIN.
TACH THROWN

OUTSIDE MOUNTING PLATE

OUTSIDE LEVER

OUTSIDE ROSE

OUTSIDE MOUNTING PLATE

1/2" MIN.
TACH THROWN

LATCH

1/2" MIN.
TACH THROWN
PHG ADVANTAGE F SERIES
CYLINDRICAL LEVERSET
SEE ELEVATION ON SHEET 1

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(24" x 84" MAX. DOOR LEAF SIZE) - 90.0 PSF
1/2" MIN. ST/ST LATCHBOLT THROW

INSIDE LEVER

LEVER CATCH TOOL

INSIDE ROSE

MOUNTING SCREWS
10-32 x 1-1/2" CH MS

#8 X 3/4" FH MULTI THREAD SCREWS

INSIDE MOUNTING PLATE

LOCK BODY ASSEMBLY

OUTSIDE LEVER

OUTSIDE ROSE

TURN BUTTON

1-1/4" X 4 7/8" X .060" THK. STEEL STRIKE PLATE FACING GUARD FASTENED TO FRAME WITH (2) #10 X 1" FH MULTI THREAD SCREWS

LATCH

SCREW POST

May 2, 2018
PHG ADVANTAGE M SERIES
MORTISE LEVERSET

SEE ELEVATION ON SHEET 1

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(36" X 84" MAX. DOOR LEAF SIZE) - 90.0 PSF
3/4" MIN. LATCHBOLT THROW
1" MIN. DEADBOLT THROW