NOTICE OF ACCEPTANCE (NOA)

Stanley Security Solutions Inc.,
6161 East 75th Street
Indianapolis, IN 46250

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 BNC - 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. BNC 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 40H Mortise Lockset with Dead bolt (Hardware - Component Approval)

APPROVAL DOCUMENT: Drawing No. “SSS012” former “SSS005” Rev B, titled “Series 45H, 47H, 48H & 49H Mortise Lock set w/wo Deadbolts”, sheets 1 through 6 of 6, prepared by Building Draps Inc., dated 09/04/12 and last revised on 08-12-15, 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

Limitations:
1. This Lock component is approved to be used as an alternate hardware in an approved single or double Steel doors, having current NOA (Notice of Acceptance).
2. Series 45H/47H Mortise locks with without Dead bolt in Single door are rated = 60 PSF, Series 45H/47H Mortise locks w/wo Dead bolt in Pair Doors application are rated = 35 PSF and Series 48H/49H Mortise Dead locks are rated = 40.5 PSF for both Single or Pair doors application. See details in sheets 4, 5 & 6.
3. Lowest design pressure of this component or Doors (under separate approval) may control.
4. 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", 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 revises NOA #16-0811.12 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.

NOA No. 17-1026.23
Expiration Date: October 26, 2023
Approval Date: January 04, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under files below)
   2. Drawing No. “SSS005” Rev B, titled “Series 45H, 47H, 48H & 49H Mortise Lock set w/wo Deadbolts”, sheets 1 through 6 of 6, prepared by Building Drops Inc., dated 08-12-2015, signed and sealed by Hermes F. Norero, P.E.

B. TESTS (Submitted under files #15-0217.05 / #12-102.35 / #11-0811.11)
   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 outswing doors w/ Stanely Series 40H Mortise locks w/ wo deadbolts, prepared by Fenestration Testing Lab, Inc., Test Report No(s) FTL- 4606 & FTL-4605, dated June 21, 2005, signed and sealed by Edmundo Lagaespada, P. E. Original test per SFBC PA 201, 202 & 203-94, now known as FBC TAS 201, 202 & 203-94

2. Additional verification test of Stanley series 45H48H in single & pair doors per TAS 201, 202 & 203-94, test report # G100561487MID-01, issued by Intertek Testing Inc. dated 07-26-12, signed & sealed by Rick Curkeet, P.E. (This test report has an addendum dated Jan 22, 2013, issued by Intertek Testing)

C. CALCULATIONS (submitted under file #15-0217.05)
   1. Anchor verification calculations and structural analysis, complying with FBC-2014(5th Edition), prepared by Building Drops Inc., dated 08-12-2015, signed and sealed by Hermes F. Norero, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS (Except item #1, other submitted under referenced files)
   1. Statement letter of conformance to FBC 2014 (5th edition) and letter of no financial interest and request for renewal with no change, prepared by Building Drops Inc., dated 08/01/16, signed and sealed by Hermes F. Norero, P.E.
   2. Statement letter of conformance to FBC 2014 (5th edition) and letter of no financial interest, prepared by Building Drops Inc., dated 08/03/15, signed and sealed by Hermes F. Norero, P.E.
   3. Successor Engineer statement of adopting another Engineer’s work per FL. Rule 61G15-27 dated 02-21-2013, signed and sealed by Hermes F. Norero, P.E.
   4. Statement letter dated Jan 29, 2007 of Stanley Works acquired shares of Best Lock dba Best Access system, signed by Kara J. Dean, Council Stanley Access (submitted under NOA (s)# 11-0811.11 / #09-0209.06)
   5. Certificate of amendment of Best Lock to Stanley Security Solution Inc, issued by State of Indiana on Aug. 30, 2003(submitted under NOA (s)# 11-0811.11 / #09-0209.06)
   6. Test Lab compliance statement, part of above referenced test reports.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1026.23
Expiration Date: October 26, 2022
Approval Date: January 04, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
   1. This NOA renews NOA #15-0217.05, expiring on OCT 26, 2022.
   2. Test proposal # 11-0556, dated May 27, 2011 approved by BNC.


A. DRAWINGS
      Mortise Lock set w/wo Deadbolts”, sheets 1 through 6 of 6, prepared by Building Drops Inc.,
      dated 09/04/12 and last revised on 08-12-15, signed and sealed by Hermes F. Norero, P.E.
      Note: This revision consist of editorial FBC compliance notes in sheet 1 only.

B. Test
   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
   1. Statement letter of conformance to FBC 2017 (6th Edition) and “No financial interest” dated
      08/21/17, prepared by Building Drops Inc., signed and sealed by Hermes F. Norero, P.E.
   2. Statement letter to extent of editorial revision to the drawing dated 12/11/17, prepared by
      Building Drops Inc., signed and sealed by Hermes F. Norero, P.E.

G. OTHER
   1. This NOA revises NOA # 16-0811.12, expiring 10/26/22.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1026.23
Expiration Date: October 26, 2022
Approval Date: January 04, 2017
STANLEY SECURITY SOLUTIONS, INC.

SERIES 45H & 47H MORTISE LOCKSETS WITH/WITHOUT DEADLOCK AND
48H & 49H MORTISE DEADLOCKS (COMPONENT APPROVAL)

GENERAL NOTES:
1. THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO COMPLY WITH THE 8TH EDITION FLORIDA BUILDING CODE (IBC) INCLUDING PROVISIONS SET FORTH FOR HIGH-VELOCITY HURRICANE ZONES (HVZ). THE PRODUCT IS RATED FOR LARGE AND SMALL MISSILE IMPACT AND HAS BEEN EVALUATED TO THE FOLLOWING TEST PROTOCOLS:
   1.1. TAS 201-94
   1.2. TAS 202-94
   1.3. TAS 203-94
2. STRIKES, HINGES, AND ALL APPLICABLE REINFORCEMENTS AS REQUIRED ON DETAIL DRAWING IN THIS APPROVAL.
3. LOCKING HARDWARE SHALL BE INSTALLED AS PER MANUFACTURER’S INSTALLATION INSTRUCTIONS.
4. ALL FASTENERS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
5. STEEL COMPONENTS SHALL BE COATED OR COMPLY WITH CORROSION RESISTANCE PROTECTION IN CONFORMANCE WITH CHAPTER 22 OF THE IBC.
6. QUALIFIED FUNCTION DESIGNATIONS FOR 45H OR 47H WITHOUT DEADBOLT: A, AT, D, H, RH, LT, L, NN, C, CHB, IN, W, XR, MRH, ZD
7. QUALIFIED FUNCTION DESIGNATIONS FOR 45H OR 47H WITH DEADBOLT: AB, H, JH, T, TA, TD, L, G, INA, S, AD, RD, YD, WD
8. QUALIFIED STRIKE PLATE DESIGNATIONS: S1, S5, & S6.

LIMITATIONS OF USE:
1. THE MORTISE LOCKSET COMPONENT APPROVAL IS TO BE USED AS AN EQUIVALENT ALTERNATIVE INTO SINGLE OR Pair STEEL OUTSWING DOORS HAVING A SEPARATE, CURRENT NDA. THE LOWER DESIGN PRESSURE OF DOOR OR THE MORTISE LOCKSET COMPONENT APPROVAL HERIN SHALL CONTROL.
2. THE MORTISE LOCKSET COMPONENT DESCRIBED HERIN SHALL BE USED WITH DOOR PANEL, FACE SHEETS TO BE OF MIN. 18 GA. (0.061") STEEL, MAX. DOOR PANEL DIMENSIONS: 48" (W) X 96" (H)
3. SINGLE OR DOUBLE DOOR LEAF SHALL BE NO WIDER THAN 48" OR HIGHER THAN 96".
4. THIS DEVICE CAN BE INSTALLED AS PART OF A LARGE MISSILE IMPACT RESISTANT ASSEMBLY.
5. THE DOORS, UNDER SEPARATE APPROVAL, SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   5.1. THE DOOR PANELS SHALL BE MAX. 48" (W) X 96" (H) X 3/4" MIN. OVERALL THICKNESS
   5.2. DOOR FACE SHEETS TO BE OF MIN. 18 GA. (0.061") STEEL AND DOOR FRAME TO BE MIN 16 GA. (0.059") STEEL.
   5.3. DOOR PANEL SHALL BE STEMMED WITH 20 GA. (0.039") "HAT-STIFFENERS", MAX. 2" O.C.
   5.4. HINGE REINFORCEMENTS AT DOOR PANEL AND AT FACE SHALL BE A MINIMUM OF 9 GA. (0.322") THICK STEEL.
   5.5. MIN. 16 GA. (0.057") MIN. STEEL, DOOR REINFORCEMENT AT MORTISE LOCK.
   5.6. MIN. 16 GA. (0.057") MIN. STEEL, FULL LENGTH C-CHANNEL AT HINGE & LOCK STILES.
   5.7. PLEASE REFER TO DOOR ELEVATIONS, SHEET 2, AND CORRESPONDING DETAILS FOR APPLICABILITY OF REINFORCEMENT REQUIREMENTS.
6. ELECTRICAL/ELECTRONIC FUNCTION AND INSTALLATION OTHER THAN SELF CONTAINED ELECTRONIC DEVICES ARE NOT PART OF THIS APPROVAL AND MUST BE REVIEWS BY AUTHORITY HAVING JURISDICTION(S).H.
7. COMPLIANCE WITH BUILDING CODE REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.
**HORIZONTAL SECTION**

40H SERIES MORTISE LOCKSET

**A** SINGLE DOOR

| MIN. 14 GA. (0.067") STRIKE REINFORCEMENT |
| STRIKE PLATE, SEE NOTE 2. |
| MIN. 14 GA. (0.067") |
| CONTINUOUS C-CHANNEL, AT HINGE & LOCK STILES |
| MIN. 16 GA. (0.059") |
| MORTISE LOCK REINFORCEMENT |

**B** DOUBLE DOOR

| MIN. 14 GA. (0.067") |
| CONTINUOUS C-CHANNEL, AT HINGE & LOCK STILES |

**C** SINGLE/DOUBLE DOOR

| MIN. 20 GA. (0.0359") |
| VERTICAL STEELERS |
| MAX. 6" O.C. SPACING |
| SPOT WELDED TO DOOR FACE |

**NOTE:**
1. SEE DOOR UNDER SEPARATE APPROVAL FOR DOOR CONSTRUCTION, DESIGN LOAD RATING, AND INSTALLATION DETAILS.
2. STRIKE PLATES SHALL BE FASTENED WITH TWO (2) #12-24 PHF#MS, SA-E GR. 5.
3. SERIES 40H HORIZONTAL CROSS-SECTION SHOWN GENERIC AND APPLICABLE TO 40H/479 MORTISE LOCKSET W/ NO DEADBOLT AND 48H/48H MORTISE DEADBOLT.
THROW DISTANCE
LATCH (STEEL) 3/4"
DEADBOLT (STEEL) 1"

45H/47H MORTISE LOCKSET WITH DEADBOLT
MAX. DESIGN PRESSURE
SINGLE DOOR +/- 60 PSF
PAIR DOORS +/- 35 PSF

45H/47H MORTISE SERIES 0.090" CT STEEL CASE COVER

45H/47H MORTISE LOCKSET WITH DEADBOLT
SEE DETAILS D/4 & E/4 FOR FRONT & SIDE VIEW

SPECIFICATIONS:
ANSI A156.13 SERIES 1000 GRADE 1
BACKSET = 2 3/4"
LATCH THROW (SS) = 3/4" MIN.
BOLT THROW (SS) = 1" MIN.
45H & 47H MORTISE LOCKSET WITHOUT DEADBOLT
MAX. DESIGN PRESSURE

SINGLE DOOR  +/− 60 PSF
PAIR DOORS  +/− 35 PSF

THROW DISTANCE
LATCH (STEEL)  3/4"

45H/47H MORTISE LOCKSET WITHOUT DEADBOLT

45H/47H MORTISE LOCKSET WITHOUT DEADBOLT

FRONT VIEW

SIDE VIEW

SPECIFICATIONS:
ANSI A156.13 SERIES 1000 GRADE 1
BACKSET = 2 3/4"
LATCH THROW (SS) = 3/4" MIN.
48H & 49H MORTISE DEADLOCK
MAX. DESIGN PRESSURE
SINGLE DOOR +/− 40.5 PSF
PAIR DOORS +/− 40.5 PSF

THROW DISTANCE
DEADBOLT (STEEL) 1”

SPECIFICATIONS:
BACKSET = 2 3/4”
DEADBOLT THROW (SS) = 1” MIN.
CASE: 0.095” CR STEEL

48H MORTISE DEADLOCK
SEE DETAILS 1/8 & 1/6 FOR FRONT & SIDE VIEW

49H MORTISE DEADLOCK
SEE DETAILS 1/8 & 1/6 FOR FRONT & SIDE VIEW

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49H MORTISE DEADLOCK
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48H & 49H MORTISE DEADLOCK
MAX. DESIGN PRESSURE
SINGLE DOOR +/− 40.5 PSF
PAIR DOORS +/− 40.5 PSF

THROW DISTANCE
DEADBOLT (STEEL) 1”

SPECIFICATIONS:
BACKSET = 2 3/4”
DEADBOLT THROW (SS) = 1” MIN.
CASE: 0.095” CR STEEL

48H MORTISE DEADLOCK
SEE DETAILS 1/8 & 1/6 FOR FRONT & SIDE VIEW

49H MORTISE DEADLOCK
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