The Cookson Company  
1901 South Litchfield Road  
Goodyear, AZ 85338  

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: Insulated Steel Rolling Door up to 12'-5" Wide (80 FPS Impact)  

APPROVAL DOCUMENT: Drawing No. ES-16-54-TCCI, titled "12'-5" Wide 65 PSF 80 FPS Insulated Rolling Steel Door", sheets 1 through 5 of 5, dated 03/30/2015, prepared by The Cookson Company, dated 01/12/18, signed and sealed by Shawn Patrick Kelley, 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  

LABELING: A permanent label with the manufacturer's name or logo, one of the 3 manufacturing addresses on drawings, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.  

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 NOA # 15-0504.02 and 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 Carlos M. Utrera, P.E.
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s

A. DRAWINGS “Submitted under NOA # 15-0504.02”
   1. Drawing No. ES-16-54-TCCI, titled “12'-5” Wide 65 PSF 80 FPS Insulated Rolling Steel Door”, sheets 1 through 5 of 5, dated 03/30/2015, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS “Submitted under NOA # 15-0504.02”
   1. Test reports on
      1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
      2) Large Missile Impact Test per FBC, TAS 201-94 (Level ‘E’)
      3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      4) Forced Entry Test, per FBC, TAS 202-94
      5) Tensile Test per ASTM E8-08,
      along with marked-up drawings and installation diagram of Thermiser Roll-up Garage Doors, prepared by Intertek/Architectural Testing, Inc., Test Report No. D2662.01-109-18, dated 02/07/2014, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS “Submitted under NOA # 15-0504.02”
   1. Calculations prepared by Joseph H. Dixon, Jr., P.E., dated 04/03/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS “Submitted under NOA # 15-0504.02”
   2. Statement letter of no financial interest issued by Joseph H. Dixon, Jr., P.E., dated 04/14/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0125.07
Expiration Date: July 9, 2020
Approval Date: April 26, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No. **ES-16-54-TCCI**, titled “12’-5” Wide 65 PSF 80 FPS Insulated Rolling Steel Door”, sheets 1 through 5 of 5, dated 03/30/2015, prepared by The Cookson Company, dated 01/12/18, signed and sealed by Shawn Patrick Kelley, P.E.

B. TESTS
1. None.

C. CALCULATIONS
1. Calculations prepared by moment **ENGINEERING + DESIGN, LLC**, dated 01/12/2018, signed and sealed by Shawn Patrick Kelley, P.E.

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS
HOOD  #24 GALMINIMUM
       GALVANIZED OR
       STAINLESS STEEL

ROLL-UP MECHANISM NOT INCLUDED IN THIS
APPROVAL. MUST BE CERTIFIED BY AN
INDEPENDENT TESTING AGENCY IF REQUIRED.

OPERATION:
PUSH-UP
CHAIN
(SHOWN)
CRANK
MOTOR
BRACKET

NOTE:
1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA
   BUILDING CODE, AS A LARGE MISSLE IMPACT RESISTANT SYSTEM.
2. POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE
   PERFORMED FOR SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7 MINIMUM DESIGN
   LOADS FOR BUILDINGS AND OTHER STRUCTURES. WIND LOADS DETERMINED FOR
   OPENINGS SHALL BE LESS THAN OR EQUAL TO DOOR DESIGN PRESSURES NOTED
   BELOW.
3. THE DETAILS AND SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS
   TESTED FOR UNIFORM STATIC AIR PRESSURE IN CONFORMANCE WITH DADE
   COUNTY PROTOCOLS TAS 201, 202, AND 203.
   POSITIVE DESIGN LOAD = 65 PSF
   NEGATIVE DESIGN LOAD = 65 PSF
4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA)
   TEST REPORT NO. D2662.01-109-18.
5. SUPERIMPOSED LOADS ON THE JAMB FROM THIS DOOR ARE DESIGNATED AS F1,
   F2, AND F3 HEREIN. CONTRACTORS SHALL HAVE FLORIDA REGISTERED
   PROFESSIONAL ENGINEER VERIFY ADEQUACY OF BUILDING STRUCTURE TO RESIST
   SUPERIMPOSED LOAD F1, F2, AND F3.
6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE
   WITH AWS SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL
   CONFORM TO AWS A5.1, GRADE E-70. MINIMUM WELDING PROCESS SHALL BE ARC
   WELDING AWS E7014 OR MIG WELDING AWS ER70S-6.
7. ANCHOR NOTES:
   A. EMBEDMENT DEPTH DOES NOT INCLUDE STUCCO FINISH.
   B. ANCHORS SHALL INSTALL IN ACCORDANCE WITH MANUFACTURERS
      SPECIFICATIONS.
8. FOAMED IN PLACE INSULATION, TESTED IN ACCORDANCE WITH ASTM E-84 AND
   D-1929 OR MINERAL WOOL INSULATION.
9. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.
10. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN
    OF THIS PRODUCT.
11. SLIDE BOLTS ARE NOT REQUIRED FOR WINDLOAD RESISTANCE. SLIDE BOLTS
    ARE ONLY REQUIRED ON PULL UP OPERATED UNITS FOR FORCED ENTRY
    RESISTANCE. LOCKING IS TO BE PROVIDED BY OTHERS OR AS CYLINDER LOCKS
    BY THE COOKSON COMPANY.
12. ENLOK/WINDLOCKS AND WINDLOCKS ARE SECURE TO EACH END OF
    ALTERNATING SLATS WITH 3 1/4" RIVETS PER END RESULTING IN CONTINUOUS SLAT
    WINDLOCK SUPPORT.
13. GUIDE ASSEMBLY AND BOTTOM BAR ARE TO BE PROTECTED FROM CORROSION
    WITH POLYESTER POWDER COATING WHEN NOT MINIMUM 900 GALVANIZED STEEL
    OR STAINLESS STEEL.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 18-0125.07
Expiration Date 07/09/2020

By
Miami-Dade Product Control

DRAWN BY: TJE
SIZE: B
NOTE: SHEET: 1/5
DWG NO: ES-16-54-TCCI

24 ELMWOOD AVE
1901 S. LITCHFIELD
MOUNTAIN TOP, PA
GOOBERY, AZ
800 TULIP DRIVE
GASTONIA, NC
P: 800.380.8590
P: 866.448.0798
E: ADS@COOKSONDOOR.COM

Unless otherwise specified, dimensions are in inches & tolerances are:
0.000 = +/- 0.001
FRACTIONAL = +/- 1/32
ANGLES = +/- 1/2 DEG

MIA MIA DADE COUNTY APPROVED
12"-5" WIDE 65 PSF 80 FPS
INSULATED ROLLING STEEL DOOR
ORIENTATION FOR
CONCRETE AND BLOCK
STRUCTURE
OPTIONAL FOR STEEL
STRUCTURE

4 x 3 3/8 x 1 3/4 ASTM A36 STEEL
(REQ'D ON 2 OR E GUIDE ONLY)

MIN. 0.020

MIN. 0.0405

SEE NOTE #8

3 1/2 x 3 x 1/4 ASTM A36 STEEL

3/8 x 1/2 ASTM A36 STEEL

2 x 3/8 ASTM A36 STEEL

2.938

1.562

1.312

1/2 - 12

1.126

0.532 SLIP

3.500 MAX.

2.500

1.000

2.812 MAX.

5.750 MAX.

2.500

1.000

1/2 - 13 SAE GR. 5, GR. 8, ASTM A325,
OR A490 HEX HEAD BOLT,
1/2 - 13 NUT AND 1/2" HARDENED
FLAT WASHERS AT 18" O.C.

3/8" WINDLOCK

ENDLOCK / WINDLOCK

3/8" WINDLOCK

3/8 x 3/4 ASTM A36 STEEL

2) GUIDE ASSEMBLY DETAIL
1:2 SCALE

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ASTM A653 HSLAS TYPE B GRADE 40 G40 WITH POLYESTER BASED COATING OR
ASTM A653 HSLAS TYPE A GRADE 40 G40 WITH POLYESTER BASED COATING OR
ASTM A653 STRUCTURAL STEEL GRADE 40 G40 WITH POLYESTER BASED COATING
OR TYPE 304 STAINLESS STEEL (MIN. YIELD 40,000 psi)
OR TYPE 316 STAINLESS STEEL (MIN. YIELD 40,000 psi)
OR TYPE 430 STAINLESS STEEL (MIN. YIELD 40,000 psi)
OR TYPE 201 STAINLESS STEEL (MIN. YIELD 40,000 psi)
FULL SCALE

SLAT DETAIL
TYPICAL SECTION

(2) 2 x 2 x 1/4 ASTM A36 STEEL OR
(2) 2 x 2 x .105 STAINLESS STEEL

OPTIONS:
WEATHERING (SHOWN)
ON SENSING EDGE

3/8 -16 x 1" SAE GR.8
HEX HEAD BOLT AND NUT
AT 18" ON CENTER

1/2"-13 SAE GR. 5, GR. 8, ASTM A325,
OR A490 HEX HEAD BOLT,
1/2"-13 NUT AND 1/2" HARDENED
FLAT WASHERS AT 18" O.C.
ENDLOCK / WINDLOCK DETAIL
FERRITIC MALLEABLE IRON PER ASTM A47 - GRADE 32510
OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12. GALVANIZED
IN ACCORDANCE WITH ASTM A153, 690 ZINC-COATING.
1/2 SCALE

WINDLOCK DETAIL
CAST MALLEABLE IRON ASTM A47, GRADE 32510, OR
DUCTILE IRON PER ASTM A536 GRADE 65-45-12. GALVANIZED IN
ACCORDANCE WITH ASTM A153, GRADE 85 ZINC-COATING
1/2 SCALE

BRACKET MOUNTING DETAIL
0.172 MIN. THICKNESS
* 2" EXTENSION WHEN 8" AND LARGER SHAFT ASSEMBLY IS SUPPLIED
1/4 SCALE

PRODUCT REVISED
as compling with the Florida Building Code
NOA.No. 18-0125.07
Expiration Date 07/09/2020
By
Miami-Dade Product Control

COOKSON
THE COOKSON COMPANY, INC.
24 ELMWOOD AVE 1901 S. LITCHFIELD RD
MOUNTAINTOP, PA GOODYEAR, AZ
800 TULIP DRIVE
GASTONIA, NC
P: 800.390.8590
F: 866.448.6798
E: ASD@COOKSONDOOR.COM

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES &
TOLERANCES ARE:
0.000 = +/- 0.031
FRACTIONAL = +/- 1/32
ANGLES = +/- 1/2 DEG

TITLE: MIAMI DDAE COUNTY APPROVED
12'-5" WIDE 65 PSF 80 FPS
INSULATED ROLLING STEEL DOOR
DRAWN BY: TJE
SIZE: B
SCAPE: AS NOTED
SHEET: 3/5

DYG NO: ES-16-54-TCCI

JAN 12 2018
EXISTING STEEL STRUCTURE
OPENING WIDTH
SUP 0.532
18-5 MAX. D.B.G.
3k
GUIDE ASSEMBLY
STEEL STRUCTURE
(BETWEEN JAMBS GUIDE)

1/4-13 SAE GR. 5, SAE GR. 8,
ASTM A325 OR A490 HEX HEAD BOLT,
1/4-13 NUT AND 1/2" HARDENED
FLAT WASHERS AT 18° O.C.

BRACKET MOUNTING / TOP WALL ANGLE FASTENING
BRACKET MOUNTING PER DETAIL 7 DEPICTED,
OTHER BRACKET MOUNTINGS ARE AVAILABLE
SCALE: NTS

COIL DIMENSION
SHAFT ASSEMBLY
E-GUIDE
SUPPORTING STRUCTURE
BETWEEN JAMBS

COIL DIMENSION
BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

BRACKET PACKOFF
BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

Z OR E GUIDE
BETWEEN JAMBS

BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

COIL DIMENSION
SHAFT ASSEMBLY
BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
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FOR BETWEEN JAMBS

BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

BRACKET MOUNTING HARDWARE
WALL ANGLE OR EXISTING STRUCTURE
FOR BETWEEN JAMBS

UNREduced WIND FORCES ON
BUILDING STRUCTURE (LBS / FOOT
OF HEIGHT)

Z-GUIDE
POSITIVE NEGATIVE
F1 F2 F3 F1 F2 F3
1102 690 371 1021 1434 371
E-GUIDE
POSITIVE NEGATIVE
F1 F2 F3 F1 F2 F3
1683 1271 371 1211 1624 371
BETWEEN JAMBS GUIDE
POSITIVE NEGATIVE
F1 F2 F3 F1 F2 F3
609 238 413 3568 2687 413

BUILDING DESIGNER NOTE:
STRUCTURE MUST BE DESIGNED TO SUPPORT
F1, F2, AND F3 FORCES (LBS./Ft. OF OPENING
HEIGHT) AT EACH JAMB.

PRODUCT REVISED
as complying with the Florida Building Code
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By
Miami-Dade Product Control

COOKSON THE COOKSON COMPANY, INC.
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P: 800.390.8990
F: 669.648.6798
E: ADS@COOKSONDOOR.COM

TITLE:
MIAmI DADE COUNTY APPROVED
12"-5" WIDE 65 PSF 80 FPS
INSULATED ROLLING STEEL DOOR

DRAWN BY:
TJE
SIZE: B
DRAWING NO: ES-16-54-TCCI
SHEET: 5/5
NOTE: