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: Perforated Slat Steel Rolling Door up to 27'-5" Wide (50 FPS Impact)**

**APPROVAL DOCUMENT:** Drawing No. ES-16-74-TCCI, titled “27'-5" Wide 60 PSF 50 FPS Perforated Rolling Steel Door”, sheets 1 through 5 of 5, dated 07/31/2015, 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 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 # 15-0914.14** 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.

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NOA No. 18-0125.08  
Expiration Date: November 12, 2020  
Approval Date: April 26, 2018  
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA # 15-0914.14"
   1. Drawing No. ES-16-74-TCCI, titled "27'-5" Wide 60 PSF 50 FPS Perforated Rolling Steel Door", sheets 1 through 5 of 5, dated 07/31/2015, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS "Submitted under NOA # 15-0914.14"
   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
      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 CP0020 Perforated Slat Roll-up Garage Doors, prepared by Architectural Testing, Inc., Test Report No. D5148.01-109-18, dated 06/20/2014, signed and sealed by Michael D. Stremmel, P.E.
   2. Test report on Salt Spray Performance Test per ASTM B117-09 of G90 unpainted and G40 painted samples, prepared by Intertek, Test Report No. G100075502MID-002, dated 05/26/2010, signed and sealed by Rick Curkeet, P.E.

C. CALCULATIONS "Submitted under NOA # 15-0914.14"
   1. Calculations prepared by Joseph H. Dixon, Jr., P.E., dated 08/10/2015, 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 # 15-0914.14"

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0125.08
Expiration Date: November 12, 2020
Approval Date: April 26, 2018

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. ES-16-74-TCCI, titled “27’-5” Wide 60 PSF 50 FPS Perforated Rolling Steel Door”, sheets 1 through 5 of 5, dated 07/31/2015, 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

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0125.08
Expiration Date: November 12, 2020
Approval Date: April 26, 2018

E - 2
NOTES:
1. THIS ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, AS A LARGE MISSILE 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.
4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (YORK, PENNSYLVANIA) TEST REPORT No. D5148.01-102-18.
5. SUPERIMPOSED LOADS ON THE JAMBS FROM THE DOOR ARE DESIGNATED AS F1, F2, AND F3 HEREAFTER. CONTRACTORS SHALL HAVE FLORIDA LICENSED 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 ERODICTORS 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 BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
8. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.
9. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
10. SLIDE BOLTS ARE NOT REQUIRED FOR WINDLOAD RESISTANCE. SLIDE BOLTS ARE ONLY REQUIRED ON PUSH UP OPERATED UNITS FOR FORCED ENTRY RESISTANCE. LOCKING IS TO BE PROVIDED BY OTHERS OR AS CYLINDER LOCKS BY THE COOKSON COMPANY.
11. GUIDE ASSEMBLY AND BOTTOM BAR ARE TO BE PROTECTED FROM CORROSION WITH POLYESTER POWDER COATING WHEN NOT MINIMUM G90 GALVANIZED STEEL OR STAINLESS STEEL.
12. SLATS MAY BE PROVIDED AS SOLID OR PERFORATED IN ANY ORDER OR COMBINATION. SEE ADDITIONAL NOTES FOR PERFORATED SLAT LOCATED ON SHEET 5.
13. ENDLOCKWINDLOCKS AND WINDBLOCKS ARE SECURED TO EACH END OF ALTERNATING SLATS WITH (3) 1/4" RIVETS RESULTING IN CONTINUOUS SLAT WINDBLOCK SUPPORT.

PRODUCT REVISED as complying with the Florida Building Code
NOA-No. 18-0125.08
Expiration Date 11/12/2020

By
Miami-Dade Product Control

24 ELWOOD AVE 1901 S. LITCHFIELD RD.
MOUNTAINTOP, PA GOODYEAR, AZ
800 TULIP DRIVE
GASTONIA, NC
P: 800.390.8500 F: 866.448.6798
E: ADS@COOKSONDOOR.COM

COOKSON

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

DRAWN BY: TJE
DWG NO: ES-16-74-TCCI

STATE OF FLORIDA PROFESSIONAL ENGINEER

MIAMI DADE COUNTY APPROVED
27.5"-5 WIDE 60 PSF 50 FPS
PERFORATED ROLLING STEEL DOOR

1/2 SCALE
1/32 SCALE

OVERALL DOOR ASSEMBLY
3/8" STANDARD
27-5" DISTANCE BETWEEN GUIDES (D.B.G.)
GUIDE SETBACK VERSUS
GUIDE SETBACK VERSUS
OPENING WIDTH
1/2" STANDARD
1/2" STANDARD

HOOD SUPPORT, WHEN REQUIRED, MUST BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY IF REQUIRED.

ROLL-UP MECHANISM NOT INCLUDED IN THIS APPROVAL.
ENDLOCK / WINDLOCK DETAIL
CAST MALLEABLE IRON ASTM A47, GRADE 32510, OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12, GALVANIZED IN ACCORDANCE WITH ASTM A123, GRADE 85 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 A123, 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 complying with the Florida Building Code
11/5/2020

By Miami-Dade Product Control

24 ELMWOOD AVE 1901 S LITCHFIELD RD
MOUNTAIN TOP, PA GOODYEAR, AZ
800 TULIP DRIVE
GASTONIA, NC
P: 800.390.8590
F: 866.448.6798
E: ADS@COOKSONDOOR.COM

Unless otherwise specified, dimensions are in inches & tolerances are:
0.000 = +/- 0.031
FRACTIONAL = +/- 1/32
ANGLES = +/- 1/2 DEG

MIAMI Dade COUNTY APPROVED
27.5" WIDE 60 PSF 50 FPS PERFORATED ROLLING STEEL DOOR

DRAWN BY: TJE
SIZE: AS NOTED
SCALE: 3/5
SHEET: B
DGW NO: ES-16-74-TCCI
CONCRETE FASTENER SPACING

<table>
<thead>
<tr>
<th>CONCRETE STRENGTH (ksi)</th>
<th>MAXIMUM FASTENER SPACING (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HILTI</td>
<td>SIMPSON</td>
</tr>
<tr>
<td>ITW REDHEED</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>2 1/2</td>
</tr>
<tr>
<td>3000</td>
<td>5 1/2</td>
</tr>
<tr>
<td>4000</td>
<td>7 1/2</td>
</tr>
</tbody>
</table>

7 1/2 MINIMUM EDGE DISTANCE

27 5/8" MAX. D.B.G.

EXISTING STEEL STRUCTURE (Z-GUIDE OR E-GUIDE)

EXISTING STEEL STRUCTURE

3/4" HILTI KWIK BOLT 3
4 1/2" MIN. EMBEDMENT OR
3/4" SIMPSON WEDGE-ALL
5" MIN. EMBEDMENT OR
3/4" ITW REDHEAD TRU-BOLT
6 1/2" MIN. EMBEDMENT (SEE TABLE FOR SPACING)

GUIDE SETBACK
7/8" STANDARD
OPENING WIDTH
8 3/8" MAX. D.B.G.

3/4" HILTI KWIK BOLT 3
4 1/2" MIN. EMBEDMENT OR
3/4" SIMPSON WEDGE-ALL
5" MIN. EMBEDMENT OR
3/4" ITW REDHEAD TRU-BOLT
6 1/2" MIN. EMBEDMENT (SEE TABLE FOR SPACING)

GUIDE SETBACK
7/8" STANDARD
OPENING WIDTH
8 3/8" MAX. D.B.G.

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5" MIN. EMBEDMENT OR
3/4" ITW REDHEAD TRU-BOLT
6 1/2" MIN. EMBEDMENT (SEE TABLE FOR SPACING)

GUIDE SETBACK
7/8" STANDARD
OPENING WIDTH
8 3/8" MAX. D.B.G.

PRODUCT REVISED
20 complying with the Florida Building Code
NOA-No. 18-0125.08
Expiration Date: 11/12/2020

MIA MI DADE COUNTY APPROVED
27 5/8" WIDE 60 PSF 50 FPS
PERFORATED ROLLING STEEL DOOR

DRAWN BY: TJE
SIZE: B
SHEET: 4/5
DWG NO: ES-16-74-TCCI

JAN 12 2018
NOTES ON OPEN AREA OF PERFORATED DOORS:

1. THE PERCENTAGE OPEN AREA OF A PERFORATED SLAT IS 48%
2. IF A DOOR IS PROVIDED WITH A MIXTURE OF PERFORATED AND SOLID SLATS, USE THE FOLLOWING EQUATION TO DETERMINE THE NET PERCENTAGE OPEN AREA OF THE DOOR:
   \[
   \text{Percentage Open Area} = \frac{\text{Total Number of Slats}}{\text{Total Number of Slats} + \text{Opening Height}} \times 100 \%
   \]
   WHERE
   - TOTAL NUMBER OF SLATS = OPENING HEIGHT \( z \) + 1
   - OPENING HEIGHT IS TO BE IN INCHES AND THE TOTAL NUMBER OF SLAT IS TO BE ROUNDED UP TO THE NEAREST WHOLE NUMBER.