Cornell Iron Works, Inc.
24 Elmwood Avenue
Mountaintop, PA 18707

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: Steel Rolling Door up to 14'-5" Wide (50 FPS Impact)

APPROVAL DOCUMENT: Drawing No. ES-16-55-CIW, titled "14'-5" Wide 65 PSF 50 FPS Non-
Insulated Rolling Steel Door", sheets 1 through 6 of 6, dated 09/10/2014, with revision A dated 03/27/2015,
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 # 15-0112.07 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.

NOA No. 18-0125.11
Expiration Date: July 9, 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 # 15-0112.07”
   1. Drawing No. ES-16-55-CIW, titled “14'-5" Wide 65 PSF 50 FPS Non-Insulated Rolling Steel Door”, sheets 1 through 6 of 6, dated 09/10/2014, with revision A dated 03/27/2015, prepared by The Cookson Company, signed and sealed by Joseph H. Dixon, Jr., P.E.

B. TESTS “Submitted under NOA # 15-0112.05”
   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 C20 Roll-up Garage Doors, prepared by Intertek/Accomplished Testing, Inc., compliance letter and Test Report No. D1278.01-109-18, dated 01/29/2014, with revision 1 dated 03/25/2015, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS “Submitted under NOA # 15-0112.05”

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS “Submitted under NOA # 15-0112.07”

   “Submitted under NOA # 15-0112.05”
   3. Statement of no financial interest issued by Joseph H. Dixon, Jr., P.E., dated 01/01/2015, signed and sealed by Joseph H. Dixon, Jr., P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0125.11
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-16-55-CIW, titled "14'-5" Wide 65 PSF 50 FPS Non-Insulated Rolling Steel Door", sheets 1 through 6 of 6, dated 09/10/2014, with revision A dated 03/27/2015, prepared by Cornell Iron Works, Inc., dated 01/12/18, signed and sealed by Shawn Patrick Kelley, P.E.

B. TESTS
   1. None.

C. CALCULATIONS "Submitted under NOA # 18-0125.03"
   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. 18-0125.11
Expiration Date: July 9, 2020
Approval Date: April 26, 2018
PRODUCT REvised
as complying with the Florida Building Code
NOA-19-18-0125.11
Expiration Date 07/09/2020
By
Miami-Dade Product Control
**CONCRETE FASTENER SPACING**

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<th>CONCRETE STRENGTH (psi)</th>
<th>MAXIMUM FASTENER SPACING (in.)</th>
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<tr>
<td>2000</td>
<td>4</td>
</tr>
<tr>
<td>3000</td>
<td>5</td>
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<td>4000</td>
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**REVISIONS**

- **ORIGINAL ISSUE**: 09/10/14 TJE 1614
- **REVISED NOTES**: 03/27/15 TJE 1614

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**GUIDE ASSEMBLY**

- **CONCRETE STRUCTURE (Z-GUIDE)**
- **EXISTING STEEL STRUCTURE**
- **OPTIONAL STEEL MOUNTING**

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**PRODUCT REVISED**

- **as complying with the Florida Building Code**
- **NOA No.**: 18-0125.11
- **Expiration Date**: 07/09/2020

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**Correspondence**

- **24 ELMWOOD AVE 1901 S. LITCHFIELD RD.**
- **MOUNTAINTOP, PA, GOODYEAR, AZ**
- **408 TULIP DRIVE**
- **GASTONIA, NC**
- **P. 800.233.8366**
- **F. 800.526.0941**
- **E. ADS@CORNELLIRON.COM**

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**Technical Details**

- **192 SAE GR. 5, SAE GR. 8, ASTM A325 OR A490 HEX HEAD BOLT**
- **1/4-13 NUT AND 1/4" HARDENED FLAT WASHERS AT 12" O.C.**
- **1/2-13 SAE GR. 5, SAE GR. 8, ASTM A325 OR A490 HEX HEAD BOLT AND 1/2" HARDENED FLAT WASHERS AT 12" O.C. TAPPED INTO MIN. NOMINAL 1/4" THICK HSS OR 1/4" THICK STEEL WITH MIN. 36,000 PSI YIELD STRENGTH**
- **OPTIONAL STEEL MOUNTING**

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**REV. DATE**

- **DRAWN BY**: TJE
- **SIZE**: B
- **SCALE**: 1/4" = 1'-0"
- **SHEET**: 4/6
- **NOTE**: 4/6

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**Title**: MIAMI Dade County Approved

**Type**: 14'-5" Wide 65 PSF 50 FPS Non-Insulated Rolling Steel Door

**Drawing No**: ES-16-55-CIW
EXISTING STEEL
STRUCTURE

OPENING WIDTH

1/4-13 SAE GR. 5, SAE GR. 8.
ASTM A325 OR A490 HEX HEAD BOLT,
1/4-13 NUT AND 3/8" HARDENED
FLAT WASHERS AT 12" O.C.

1/2-13 SAE GR. 5, SAE GR. 8.
ASTM A325 OR A490 HEX HEAD BOLT
AND 1/2" HARDENED FLAT WASHERS AT 12" O.C.
TAPPED INTO MIN. NOMINAL 1/4" THICK HSS
OR 1/4" THICK STEEL WITH MIN.
36,000 PSI YIELD STRENGTH

SLIP
0.056

1/4" MAX

1/4" MAX

14'-5" MAX, D.B.G.

GUIDE ASSEMBLY
STEEL STRUCTURE
(BETWEEN JAMBS GUIDE)

COIL
DIMENSION

SHAFT ASSEMBLY

BRACKET PACKOFF

BRACKET MOUNTING HARDWARE

WALL ANGLE OR
EXISTING STRUCTURE
FOR BETWEEN JAMBS

COIL
DIMENSION

BRACKET PLATE

ASSEMBLY
FASTENER

BRACKET MOUNTING 1 TOP WALL ANGLE FASTENING
BRACKET MOUNTING PER DETAIL 7 DEPICTED,
OTHER BRACKET MOUNTINGS ARE AVAILABLE
SCALE: NTS

COIL
DIMENSION

WALL FASTENER

MID-HOOD SUPPORT
(WHEN REQUIRED)

"D" SHAPE DEPICTED, SQUARE STYLE ALSO AVAILABLE
SCALE: NTS

4 x 3 1/2 x 6 LONG
ASTM A36 STEEL

3/8 WEDGE ANCHOR,
SLEEVE ANCHOR, OR
THRU BOLT FOR
CONCRETE STRUCTURE

3/16 x 1" HEX HEAD
CAP SCREW OR WELD
FOR STEEL STRUCTURE
TYP. AT (2) SLOTS

3/8 x 2 ASTM A36 STEEL THRU 19" COIL
3/8 x 2 ASTM A36 STEEL OVER 19" COIL

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No.
18-0125.11
Expiration Date: 07/09/2020
By
Miami-Dade Product Control

24 ELMMWOOD AVE
1601 S. LITCFIELD RD
MOUNTAIN TOP, PA
GOODYEAR, AZ
800 TULIP DRIVE
GASTONIA, NC
P: 860.233.8386
F: 803.529.0841
E: ADS@CORNELLIRON.COM

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

DRAWN BY:
TJE

TO SCALE:
B

SIZE:

SHEET:
AS NOTED
5/6

ORIG NO.

ES-16-55-CIW

JAN 12 2018
### Unreduced Wind Forces on Building Structure (Lbs / Foot of Height)

<table>
<thead>
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<th>Z-Guide</th>
<th>Positive</th>
<th>Negative</th>
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<table>
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<tr>
<td>F3</td>
<td>6818</td>
<td>1913</td>
</tr>
</tbody>
</table>

**Building Designer Note:**
Structure must be designed to support F1, F2, and F3 forces (Lbs/ft. of opening height) at each jamb.

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**Product Revised**
As complying with the Florida Building Code
NOA-No. 18-0125.11
Expiration Date: 07/09/2020

By [Signature]
Miami-Dade Product Control

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**Cornell**
Safe and Secure

**Title:** Miami Dade County Approved
14'-5" Wide 65 PSF 50 FPS
Non-Insulated Rolling Steel Door

**Drawn By:**
TJE

**DWG No.:** ES-16-55-CIW

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**Jan 12, 2018**

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** Unless otherwise specified, dimensions are in inches & tolerances are:**
- 0.000 = +/- 0.031
- Fractional = +/- 1/32
- Angles = +/- 1/2 Deg