Amarr Garage Doors  
165 Carriage Court  
Winston Salem, NC 27105

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: Model 950 Heritage & 655 Oak Summit 1000, 2000 Steel Sectional Garage Door up to 18'-0" Wide

APPROVAL DOCUMENT: Drawing No. IRC-9518-165-26-G, titled “Model #655 Oak Summit and Model #950 Heritage Series 1000 & 2000 Short, Long, Flush, and Oak Summit Panels”, sheets 1 through 3 of 3, dated 08/09/2010, with revision A dated 12/14/2011, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, P.E. on 03/29/2016, 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, 3800 Greenway Circle, Lawrence, Kansas, 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 # 16-0104.04 and consists of this page 1 and evidence page E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq J. Chanda, P.E.

NOA No. 17-1010.17
Expiration Date: March 24, 2021
Approval Date: December 21, 2017
Page 1
Amarr Garage Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS

B. TESTS “Submitted under NOA # 10-1222.02”
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
   3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
   5) Tensile Test per ASTM E8
   along with installation diagram on three Model 500 Classica Steel Sectional Garage Doors, prepared by American Test Lab, Inc, Test Report No. ATLNC 0802.01-10R, dated 11/03/2010, signed and sealed by David W. Johnson, P.E.
   “Submitted under NOA # 08-0718.01”
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by ETC Laboratories, Test Report No. 07-816-20337.0, dated 03/24/2008, signed by Joseph L. Doldan, P.E.

C. CALCULATIONS “Submitted under NOA # 12-0228.16”
1. Anchor calculations prepared by Structural Solutions, P.A., dated 02/09/2012, signed and sealed by Thomas L. Shelmerdine, 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 # 15-0505.09”

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1010.17
Expiration Date: March 24, 2021
Approval Date: December 21, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. None.

B. CALCULATIONS
   1. None

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

D. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for “Trosifol: Ultra clear, clear & color PVB glass interlayer” (former “Kuraray Butacite PVB Interlayer”), expiring on 07/08/19 laminated by Guardian.

E. STATEMENTS

F. OTHER
   1. This NOA revises NOA # 16-0104.04, expiring 03/24/21.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1010.17
Expiration Date: March 24, 2021
Approval Date: December 21, 2017
### Specifications and Notes

1. All the load from the door is transferred to the vertical track, from the track the load is transferred to the vertical jambs. The horizontal jamb or header receives no portion of the load transferred from the door.

2. Each vertical jamb receives maximum design loads of:
   - 20,780 lbs/ft² & 414,000 lbs/ft²

3. Door and hardware will be designed, manufactured, and installed in accordance with standards as set forth by Dade County.

4. Door sections shall be 24 ga. (.0216) min. exterior skin rolled formed, if bonded on polyester finish.

5. Doors use (1) 6.5 ga 1650 R-truss per section and (2) 3 ga 202A truss on the bottom section.

6. Refer to Table 2 on page 3 for section configuration.

7. Supporting structural elements shall be designed by a qualified professional engineer for wind loads indicated on the drawing in addition to other loads.

8. This approval requires the manufacturer to do testing of all coils used to fabricate the panel under the notice of acceptance. A minimum of 2 specimens shall be cut from each coil and tested according to ASTM E-8 by a Dade County approved lab selected and paid for by the manufacturer. Every 5 months, 4 times a year, the manufacturer shall mail to this office a copy of the test report with a confirmation that the specimens were selected from coils at the manufacturer's production facilities, and a notarized statement from the manufacturer that only coils with yield strength of 34,000 psi or more shall be used to make door panels for Dade County under this notice of acceptance.

### Table 1

<table>
<thead>
<tr>
<th>Door Height</th>
<th>Track Attachment</th>
<th>Splice</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>D</td>
<td>E</td>
<td>F</td>
</tr>
<tr>
<td>G</td>
<td>H</td>
<td>I</td>
</tr>
<tr>
<td>J</td>
<td>K</td>
<td>L</td>
</tr>
<tr>
<td>M</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

- **Door Height**: 7'-14' 27'-39' 46'-56' 66' 76'
- **Track Attachment**: 7'-14' 27'-39' 46'-56' 66' 76'
- **Splice**: 7'-14' 27'-39' 46'-56' 66' 76'

### Wood Jamb Attachment to Structure

#### 2.4 Vertical Jamb Attachment to Wood Frame Structure

- 5/8" x 2" lag screws starting 1/2" from ends then 12" O.C. (1 1/2" embedment)
- 2X4 vertical Jamb Attachment to 10'-0" C-O Building
- Bolt hanger 2 1/2" x 3 1/2" starting 6" from ends then 12" O.C. (1 1/2" embedment)
- Bolt hanger anchor 2 1/2" x 1 1/2" starting 0" from ends then 12" O.C. (1 1/2" embedment)
- 2X4 vertical Jamb Attachment to Hollow C-80 Block
- 1/2" x 1 1/2" then screws starting 1/2" from ends, use parts of fasteners (2 per 3"
- 1/2" x 2 1/2" 2"-4" 2"-5" screws starting 6" from ends, use parts of fasteners (2 per 3"
- 1/2" x 3" 2"-4" 2"-5" screws starting 6" from ends, use parts of fasteners (2 per 3"
- 2X4 vertical Jamb Attachment to Cored C-90 block (10'-0" C-O Building)
- 1/2" x 3" 2"-4" 2"-5" screws starting 6" from ends then 12" O.C. (1 1/4" embedment)
- Use and bolts can be counterbored to provide a flush mounting surface.
- Preparation of wood jamb by others.