



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
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[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**OMG, Inc.**  
**153 Bowles Road**  
**Agawam, MA 01001**

**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 of the Florida Building Code.

**DESCRIPTION: OMG Roof Fastening Systems**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 renews and revises NOA No. 23-0718.03 and consists of pages 1 through 14.

The submitted documentation was reviewed by Jorge L. Acebo.

09/05/24



NOA No.: 24-0627.03  
Expiration Date: 09/27/29  
Approval Date: 09/05/24  
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## ROOFING COMPONENT APPROVAL

**Category:** Roofing  
**Sub-Category:** Roofing Fasteners  
**Material:** Steel

### SCOPE:

This approves OMG Roof Fastening Systems as described in this Notice of Acceptance, designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code. The use of this acceptance is limited to roof assemblies where the OMG, Inc. products listed herein are specifically listed as accepted components.

### MANUFACTURING LOCATIONS:

1. Addison, IL.
2. Agawam, MA
3. Thomaston, CT
4. Pittsfield, MA
5. Elk Grove Village, IL
6. Cleveland, OH

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

#### FASTENERS:

| <u>Product</u>  | <u>Dimensions</u>   | <u>Test Specifications</u> | <u>Product Description</u>  |
|---|---|----------------------------|---|
| <b>#12 Standard Roofgrip</b><br><i>Manufacturing</i><br><i>Location # 1, 2</i>      | #12 x 8" max. Length,<br>#3 Phillips head.                      | TAS 114<br>TAS 117         | Phillips head, modified buttress thread, carbon steel fastener for use in steel or wood decks. With CR-10 coating. Available with a pinch point or drill point. |
| <b>#12 Standard Hex Head</b><br><i>Manufacturing</i><br><i>Location # 1, 2</i>      | #12 x 8" max. Length,<br>1/4" hex washer head.                  | TAS 114<br>TAS 117         | Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.                                |
| <b>#15 Roofgrip Large Head</b><br><i>Manufacturing</i><br><i>Location # 1</i>       | #15 x 14" max.<br>Length, oversized #3<br>Phillips head.        | TAS 114<br>TAS 117         | Phillips head, modified buttress thread, drill point, carbon steel fastener for use in steel, wood, or concrete decks.  |
| <b>CR Base Sheet Fastener (1.2")</b><br><i>Manufacturing</i><br><i>Location # 3</i> | 1.125" head x 1.2"<br>length.                                   | TAS 114<br>TAS 117         | G-90 galvanized fastener for base sheet attachment to gypsum decks and on lightweight insulating concrete decks less than 2" thick. With Olympic CR-10 coating. |
| <b>CR Base Sheet Fastener (1.7")</b><br><i>Manufacturing</i><br><i>Location # 3</i> | 1.125" head x 1.75"<br>length.                                  | TAS 114<br>TAS 117         | G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With Olympic CR-10 coating                        |
| <b>CD-10</b><br><i>Manufacturing</i><br><i>Location # 2</i>                         | 0.214" min. dia. x 12"<br>max. length; wafer<br>head            | TAS 114<br>TAS 117         | Carbon steel expansion fastener for use in structural concrete decks. CR-10 coated.   |
| <b>Lite-Deck</b><br><i>Manufacturing</i><br><i>Location # 2</i>                     | 0.240" to 0.375" x<br>12" max. length; #3<br>Phillips flat head | TAS 114<br>TAS 117         | Carbon steel fastener for insulation attachment in gypsum and cementitious wood fiber decks. CR-10 coated.  |



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## FASTENERS:

| <u>Product</u>  | <u>Dimensions</u>   | <u>Test Specifications</u> | <u>Product Description</u>   |
|---|---|----------------------------|--|
| <b>Polymer GypTec</b><br><i>Manufacturing</i><br><i>Location # 4</i>            | 0.675" Thread dia. X<br>1" dia. Head x 12"<br>max. length | TAS 117                    | One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks.  |
| <b>OMG Heavy Duty</b><br><i>Manufacturing</i><br><i>Location # 2</i>            | #14 x 16" max.<br>length; #3 Phillips<br>head             | TAS 114<br>TAS 117         | Truss head, self-drilling, pinch point, high thread fastener for use in wood, steel or concrete decks.   |
| <b>OMG XHD</b><br><i>Manufacturing</i><br><i>Location # 1, 2</i>                | #15 x 16" max.<br>length; #3 Phillips<br>head             | TAS 114<br>TAS 117         | Truss head, self-drilling, drill point, high thread fastener for use in wood or steel decks.   |
| <b>OMG Super XHD</b><br><i>Manufacturing</i><br><i>Location # 1, 2</i>          | #21 x 16" max.<br>length; #3 Phillips<br>head             | TAS 114                    | Truss head, self-drilling, drill point, high thread fastener for use in wood or steel decks.   |
| <b>Maxload Fastener</b><br><i>Manufacturing</i><br><i>Location # 1</i>          | #21 x 10" max.<br>length; #3 Phillips<br>head             | TAS 114                    | Truss head, self-drilling, pinch point, high thread fastener for use in wood, steel or concrete decks.   |
| <b>OMG HeadLok DP</b><br><i>Manufacturing</i><br><i>Location # 2</i>            | #12 x max. 8 <sup>3</sup> / <sub>4</sub> "                | TAS 114                    | Large head, drill point screw with a proprietary "Spider" drive, for use in min. 16ga. steel decking or purlin and bar joist. With CR-10 coating.  |
| <b>OMG HeadLok SP</b><br><i>Manufacturing</i><br><i>Location # 2</i>            | #14- x 14" max.<br>Length, #3 Phillips<br>head.           | TAS 114                    | Large head, standard thread, pinch point screw with a proprietary "Spider" drive, for use in metal, wood or concrete decks. With CR-10 coating.  |
| <b>OMG Purlin</b><br><i>Manufacturing</i><br><i>Location # 2</i>                | #12 x max. 8 <sup>3</sup> / <sub>4</sub> "                | TAS 114                    | Hex head carbon steel screw, drill point, for use into min. 18 ga. steel purlin.   |
| <b>RhinoBond (Retro) Driller</b><br><i>Manufacturing</i><br><i>Location # 2</i> | 4" - 10" max. length<br>With #3 Square Head               | TAS 114                    | Carbon steel screw, drill point, for use into min. 16 ga. steel purlin. With CR-10 coating.  |
| <b>OlyLok Locking Impact Nail</b><br><i>Manufacturing</i><br><i>Location #3</i> | 2.7" head x 1.4"<br>length<br>2.7" head x 1.8"<br>length  | TAS 114<br>TAS 117         | High tensile coated steel staple, factory assembled into G-90 hot dipped galvanized steel tube with a 2.7" diameter AZ-55 galvalume steel disk. For base sheet and insulation attachment to new or existing cementitious wood fiber, poured gypsum and lightweight concrete decks. |

**PLATES:**

| <u>Product</u>  | <u>Dimensions</u>                   | <u>Test Specifications</u> | <u>Product Description</u>  |
|---|-------------------------------------|----------------------------|---|
| <b>3 in. Ribbed Galvalume Plate</b><br><i>Manufacturing Location # 2</i>        | 3” round                            | TAS 114                    | Round galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners. |
| <b>3 in. Ribbed Galvalume Plate (Flat)</b><br><i>Manufacturing Location # 2</i> | 3” round                            | TAS 114                    | Round galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners  |
| <b>AccuTrac Plate</b><br><i>Manufacturing Location # 5</i>                      | 3" square;<br>0.017” thick.         | TAS 114<br>TAS 117         | Galvalume steel plate for use with OMG fasteners.   |
| <b>AccuTrac Flat Bottom</b><br><i>Manufacturing Location # 5</i>                | 3” square;<br>0.017” thick          | TAS 114<br>TAS 117         | A2-SS aluminized steel plate for use with OMG fasteners.                                    |
| <b>Base Sheet Plate</b><br><i>Manufacturing Location # 3</i>                    | 2.75" Galvalume steel stress plate. | TAS 114<br>TAS 117         | Galvalume stress plate for use with OMG C-R Base Sheet Fasteners.                           |
| <b>Flat Bottom Metal Plate</b><br><i>Manufacturing Location # 5</i>             | 3” square;<br>.017” thick           | TAS 114<br>TAS 117         | A2-SS aluminized steel plate for use with #12 Roofgrip.                                     |
| <b>Lite-Deck Plate</b><br><i>Manufacturing Location # 2</i>                     | 3” round                            | TAS 114<br>TAS 117         | Round, galvalume plate for use with Lite-Deck Fasteners.                                    |
| <b>Polymer GypTec Plate 2” with barbs</b><br><i>Manufacturing Location # 2</i>  | 2” round                            | TAS 114                    | AZ-55 galvalume plate for use with the Polymer Gyptec fastener.                             |
| <b>Polymer GypTec Insulation Plate</b><br><i>Manufacturing Location # 2</i>     | 3” round                            | TAS 114<br>TAS 117         | AZ-55 Galvalume plate for use with the Polymer GypTec fastener.                             |
| <b>OMG Plastic Plate</b><br><i>Manufacturing Location # 4</i>                   | 3” round                            | TAS 117                    | Round high density polypropylene stress plate for use with OMG fasteners.                   |
| <b>OMG 2” Barbed Plate</b><br><i>Manufacturing Location # 2</i>                 | 2” round                            | TAS 114<br>TAS 117         | Round galvanized steel stress plates for use with OMG fasteners.                            |
| <b>OMG 2-3/4” Super XHD Barbed Plate</b><br><i>Manufacturing Location # 2</i>   | 2-3/4” round                        | TAS 114                    | Round galvanized steel stress plates for use with OMG fasteners.                            |



**PLATES:**

| <u>Product</u>  | <u>Dimensions</u>                           | <u>Test Specifications</u> | <u>Product Description</u>  |
|---|---|----------------------------|---|
| <b>OMG 2-3/8" Barbed XHD Plate</b><br><i>Manufacturing Location # 2</i>                   | 2-3/8" round                                | TAS 114                    | Round galvanized steel stress plates for use with OMG fasteners.  |
| <b>OMG Eyehook Accuseam Plate</b><br><i>Manufacturing Location # 5</i>                    | 2-3/8" round                                | TAS 114                    | Round galvalume steel plate for use with OMG fasteners.   |
| <b>OMG 3" Galvalume Steel Plate</b><br><i>Manufacturing Location # 2</i>                  | 3" round,<br>0.018"- 0.021" thick.          | TAS 114<br>TAS 117         | Galvalume coated steel plate for use with approved fasteners screw.   |
| <b>Recessed Metal Plate</b><br><i>Manufacturing Location # 5</i>                          | 3" square;<br>0.017" thick.                 | TAS 114<br>TAS 117         | Galvalume steel plate for use with Standard Roofgrip, Hex Head or Stainless fasteners.  |
| <b>RhinoBond Insulation Plate (TPO &amp; PVC)</b><br><i>Manufacturing Location # 2, 3</i> | 3" round                                    | TAS 114                    | Gold primer coated plate for use with TPO membranes. Black primer coated plate for use with PVC membranes.  |
| <b>RhinoBond TreadSafe Plate (TPO &amp; PVC)</b><br><i>Manufacturing Location # 2, 3</i>  | 3" round                                    | TAS 114                    | Round, coated galvalume plate (Gold and Black) used for TPO and PVC membranes.  |
| <b>RhinoBond® TPO/PVC SXHD Plate</b><br><i>Manufacturing Location # 2, 3</i>              | 3" round                                    | TAS 114                    | Round, coated galvalume plate (Gold and Black) used for TPO and PVC membranes.  |
| <b>Polymer Batten Strip</b><br><i>Manufacturing Location # 5</i>                          | 3/4"-1" wide;<br>0.055" thick<br>250' coils | TAS 117                    | Polymer fastening strip designed with 0.2" diameter holes spaced 3" o.c. for use with #14 and #15 fasteners.  |
| <b>Metal Batten Strip</b><br><i>Manufacturing Location # 6</i>                            | 1" wide;<br>0.044" thick<br>10' long        | TAS 114<br>TAS 117         | Galvalume coated fastening strip designed with 0.25" diameter holes spaced 6" o.c. for use with approved OMG fasteners over steel, wood and concrete decks. |



**PRE-ASSEMBLED SYSTEMS:**

| <u>Product</u>   | <u>Dimensions</u>  | <u>Test Specifications</u> | <u>Product Description</u>  |
|--|--|----------------------------|---|
| <b>CR Assembled Base Sheet Fastener (1.2")</b><br><i>Manufacturing Location # 3</i>              | 1.125" head x 1.2" length.<br>2.75" Galvalume steel stress plate.  | TAS 114<br>TAS 117         | G-90 galvanized fastener for base sheet attachment to gypsum decks and on lightweight insulating concrete decks less than 2" thick. With OMG CR-10 fluorocarbon coating. With Base Sheet Plate. |
| <b>CR Assembled Base Sheet Fastener (1.7")</b><br><i>Manufacturing Location # 3</i>              | 1.125" head x 1.75" length.<br>2.75" Galvalume steel stress plate. | TAS 114<br>TAS 117         | G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With OMG CR-10 fluorocarbon coating. With Base Sheet Plate.                       |
| <b>ASAP RoofGrip Pre-Assembled System</b><br><i>Manufacturing Location: See components above</i> | See components above   | TAS 114                    | Pre-assembled Roofgrip #12, #14, #15, #14 Heavy Duty (HD) and XHD fasteners with approved plates.   |

**EVIDENCE SUBMITTED:**

| <u>Test Agency</u> | <u>Test Identifier</u> | <u>Test Name/Report</u> | <u>Date</u>          |          |
|--------------------|------------------------|-------------------------|----------------------|----------|
| FM Approvals       | FM 4470                | 3019315                 | 04/09/04             |          |
|                    | FM 4470                | 3025527                 | 08/07/06             |          |
|                    | FM 4470                | 797-02914-267           | 05/11/07             |          |
|                    | FM 4470                | 797-02918-267           | 05/18/07             |          |
|                    | FM 4470                | 797-03186-267           | 09/19/07             |          |
|                    | FM 4450                | 797-03187-267           | 10/11/07             |          |
|                    | FM 4470                | 797-03364-267           | 01/18/08             |          |
|                    | FM 4470                | 3026774                 | 01/21/08             |          |
|                    | FM 4470                | 3031546                 | 02/25/08             |          |
|                    | FM 4450                | 3032397                 | 02/28/08             |          |
|                    | FM 4470                | 3031797                 | 05/19/08             |          |
|                    | FM 4470                | 797-03825-267           | 07/21/08             |          |
|                    | FM Small Scale Testing | 3035599                 | 04/01/09             |          |
|                    | FM Letter              | 3036723                 | 06/03/09             |          |
|                    | FM 4470                | 797-05591-267           | 07/06/10             |          |
|                    | FM 4450                | 3037608                 | 08/18/10             |          |
|                    | FM 4470                | 3040926                 | 11/10/10             |          |
|                    | FM 4470                | 797-06631-267           | 07/18/11             |          |
|                    | FM 4470                | 3042374                 | 08/11/11             |          |
|                    | FM 4470                | 3051348                 | 01/02/14             |          |
|                    | FM 4470                | 3051348-Re-Issue 1      | 01/13/14             |          |
|                    | FM 4470                | 3061623 Letter          | 06/11/17             |          |
|                    | FM 4470                | PR465465                | 07/11/23             |          |
|                    | FM 4470                | PR467308                | 08/14/24             |          |
|                    | NEMO ETC, LLC          | TAS 117(A) & (B)        | 4u-OMG-23-SSMFP-01.A | 07/26/23 |



**TYPICAL PHYSICAL PROPERTIES:**

Note: A 2 to 1 margin of safety has been applied to the following test results producing the design values noted herein.

**Concrete Deck**

| <u>Product</u>        | <u>Min. psi</u> | <u>Property(s) Tested</u> | <u>Test</u> | <u>Min. Embedment/ Penetration</u> | <u>Typical Results (lbf)</u> |
|-----------------------|-----------------|---------------------------|-------------|------------------------------------|------------------------------|
| #14 Standard Roofgrip | 3,000           | Static Load               | TAS 117(A)  | N/A                                | 391.65                       |
|                       |                 | Pulsating Load            |             |                                    | 240.0                        |
| OMG Heavy Duty        | 3,000           | Static Load               | TAS 117(A)  | 1"                                 | 798.0                        |
|                       |                 | Pulsating Load            |             |                                    | 578.0                        |
| CD-10                 | 3,000           | Static Load               | TAS 117(A)  | 1"                                 | 533.0                        |
|                       |                 | Pulsating Load            |             |                                    | 410.0                        |

**Steel Deck**

| <u>Product</u>          | <u>Deck Thickness</u> | <u>Property(s) Tested</u> | <u>Test</u> | <u>Min. Embedment/ Penetration</u> | <u>Typical Results (lbf)</u> |
|-------------------------|-----------------------|---------------------------|-------------|------------------------------------|------------------------------|
| #12 Standard Roofgrip   | 22 ga.                | Static Load               | TAS 117(A)  | N/A                                | 185.75                       |
|                         |                       | Pulsating Load            |             |                                    | 106.5                        |
| #12 Standard Hex Head   | 22 ga.                | Static Load               | TAS 117(A)  | N/A                                | 185.75                       |
|                         |                       | Pulsating Load            |             |                                    | 106.5                        |
| #15 Roofgrip Large Head | 22 ga.                | Static Load               | TAS 117(A)  | N/A                                | 264.45                       |
|                         |                       | Pulsating Load            |             |                                    | 124.0                        |
| OMG Heavy Duty          | 22 ga.                | Static Load               | TAS 117(A)  | ¾"                                 | 151.5                        |
|                         |                       | Pulsating Load            |             |                                    | 136.5                        |
| OMG XHD                 | 22 ga.                | Static Load               | TAS 117(A)  | N/A                                | 264.45                       |
|                         |                       | Pulsating Load            |             |                                    | 124.0                        |

**Plywood Deck**

| <u>Product</u>          | <u>Deck Thickness</u> | <u>Property(s) Tested</u> | <u>Test</u> | <u>Min. Embedment/ Penetration</u> | <u>Typical Results (lbf)</u> |
|-------------------------|-----------------------|---------------------------|-------------|------------------------------------|------------------------------|
| #12 Standard Roofgrip   | Min. 19/32"           | Static Load               | TAS 117(A)  | N/A                                | 267.6                        |
|                         |                       | Pulsating Load            |             |                                    | 119.0                        |
| #12 Standard Hex Head   | Min. 19/32"           | Static Load               | TAS 117(A)  | N/A                                | 267.6                        |
|                         |                       | Pulsating Load            |             |                                    | 119.0                        |
| #15 Roofgrip Large Head | Min. 19/32"           | Static Load               | TAS 117(A)  | N/A                                | 290.85                       |
|                         |                       | Pulsating Load            |             |                                    | 150.0                        |
| OMG Heavy Duty          | Min. 15/32"           | Static Load               | TAS 117(A)  | ¾"                                 | 137.5                        |
|                         |                       | Pulsating Load            |             |                                    | 133.0                        |
| OMG XHD                 | Min. 19/32"           | Static Load               | TAS 117(A)  | N/A                                | 290.85                       |
|                         |                       | Pulsating Load            |             |                                    | 150.0                        |



**Cementitious Wood Fiber Decks**

| <u>Product</u>             | <u>Deck</u> | <u>Property(s)<br/>Tested</u> | <u>Test</u> | <u>Min. Embedment/<br/>Penetration</u> | <u>Typical Results<br/>(lbf)</u> |
|----------------------------|-------------|-------------------------------|-------------|--|----------------------------------|
| Polymer GypTec             | Any         | Static Load                   | TAS 117(A)  | 1.5"                                   | 140.5                            |
|                            |             | Pulsating Load                |             |  | 106.0                            |
| Lite-Deck                  | Any         | Static Load                   | TAS 117(A)  | 2"                                     | 122.0                            |
|                            |             | Pulsating Load                |             |  | 115.5                            |
| OlyLok Locking Impact Nail | Any         | Static Load                   | TAS 117(A)  | 1.8"                                   | 55.5                             |
|                            |             | Pulsating Load                |             |  | 46.0                             |

**Gypsum Decks**

| <u>Product</u>                | <u>Deck</u> | <u>Property(s)<br/>Tested</u> | <u>Test</u> | <u>Min. Embedment/<br/>Penetration</u> | <u>Typical Results<br/>(lbf)</u> |
|-------------------------------|-------------|-------------------------------|-------------|--|----------------------------------|
| CR Base Sheet Fastener (1.2") | Poured      | Static Load                   | TAS 117(A)  | N/A                                    | 68.0                             |
|                               |             | Pulsating Load                |             |  | 65.0                             |
| Polymer GypTec                | Poured      | Static Load                   | TAS 117(A)  | 1.5"                                   | 259.0                            |
|                               |             | Pulsating Load                |             |  | 257.0                            |
| Lite-Deck                     | Poured      | Static Load                   | TAS 117(A)  | 2"                                     | 341.5                            |
|                               |             | Pulsating Load                |             |  | 300.0                            |
| OlyLok Locking Impact Nail    | Poured      | Static Load                   | TAS 117(A)  | 1.8"                                   | 92.5                             |
|                               |             | Pulsating Load                |             |  | 84.0                             |

**Lightweight Concrete Deck**

| <u>Product</u>                | <u>Min. psi</u> | <u>Property(s)<br/>Tested</u> | <u>Test</u> | <u>Min. Embedment/<br/>Penetration</u> | <u>Typical Results<br/>(lbf)</u> |
|-------------------------------|-----------------|-------------------------------|-------------|--|----------------------------------|
| CR Base Sheet Fastener (1.7") | 200             | Pulsating Load                | TAS 117(A)  | N/A                                    | 28 day cure, 48.0                |
|                               |                 | Static Load                   |             |  | 3 day cure, 45.5                 |
|                               |                 | Static Load                   |             |  | 28 day cure, 59.5                |
| CR Base Sheet Fastener (1.2") | 200             | Pulsating Load                | TAS 117(A)  | N/A                                    | 28 day cure, 38.5                |
|                               |                 | Static Load                   |             |  | 3 day cure, 29.5                 |
|                               |                 | Static Load                   |             |  | 28 day cure, 48.5                |
| OlyLock Locking Impact Nail   | 300             | Pulsating Load                | TAS 117(A)  | 1.8"                                   | 28 day cure, 40.0                |
|                               |                 | Static Load                   |             |  | 28 day cure, 61.0                |





**Base Sheet Rupture Performance – TAS 117(B)**

| <u>OMG Product</u>  | <u>Manufacturer</u>     | <u>Base Sheet</u>                                  | <u>Typical Results (lbf)*</u> |
|---|-------------------------|--|-------------------------------|
| Lite Deck Plate<br>OMG 3” Galvalume Steel<br>Plate, and<br>Polymer GypTec Insulation<br>Plate | Allied Signal           | Glass Fiber Base Sheet                             | 63.0                          |
|   |                         | Premium Glass Fiber Felt                           | 89.0                          |
|   |                         | Vented Base Sheet                                  | 66.0                          |
|   | Celotex                 | Channel Vent GB                                    | 59.0                          |
|   |                         | Vaporbar GB  | 65.0                          |
|   | GAF                     | GAFGLAS® 75 Base Sheet                             | 70.5                          |
|   |                         | GAFGLAS® Stratavent Nailable<br>Venting Base Sheet | 67.0                          |
|   |                         | GAFGLAS® Ply 4                                     | 62.0                          |
|   |                         | Ruberoid® SA Base/Ply Sheet                        | 90.0                          |
|   | Johns Manville          | PermaPly 28  | 71.0                          |
|   |                         | PermaPly-R   | 131.5                         |
|   |                         | Dynabase   | 84.0                          |
|   |                         | Glasbase   | 65.0                          |
|   |                         | Ventsulation                                       | 65.5                          |
|   |                         | GlasPly Premier                                    | 97.5                          |
|   | Soprema                 | Sopra-G  | 64.0                          |
|   |                         | Modified Sopra-G                                   | 60.0                          |
|   |                         | Sopraglass 100                                     | 98.0                          |
|   |                         | Sopravent  | 61.5                          |
|   | CertainTeed             | Flexiglas Base Sheet                               | 62.5                          |
|   |                         | Flintlastic Poly SMS Base Sheet                    | 125.0                         |
|   | Siplast                 | Parabase   | 93.5                          |
|   |                         | Parabase Plus                                      | 77.5                          |
|   | Tamko                   | Glass-Base   | 86.5                          |
| Vapor-Chan  |                         | 73.5   |                               |
| Tremco  | BURMastic Glass Ply     | 53.5   |                               |
|   | BURMastic Composite Ply | 112.0  |                               |
| Base Sheet Plate  | Allied Signal           | Glass Fiber Base Sheet                             | 81.0                          |
|   |                         | Premium Glass Fiber Felt                           | 95.5                          |
|   |                         | Vented Base Sheet                                  | 70.0                          |
|   | Celotex                 | Channel Vent GB                                    | 82.0                          |
|   |                         | Vaporbar GB  | 83.0                          |
|   |                         | Hydrostop  | 81.0                          |
|   | GAF                     | GAFGLAS® 75 Base Sheet                             | 74.5                          |
|   |                         | GAFGLAS® Stratavent Nailable<br>Venting Base Sheet | 80.0                          |
|   |                         | GAFGLAS® Ply 4                                     | 65.5                          |
|   |                         | Ruberoid® SA Base/Ply Sheet                        | 90.0                          |
|   | Johns Manville          | PermaPly 28  | 72.5                          |
|   |                         | PermaPly-R   | 91.5                          |
|   |                         | Dynabase   | 85.0                          |
|   |                         | Glasbase   | 63.5                          |
|   |                         | Ventsulation                                       | 74.0                          |
|   |                         | GlasPly Premier                                    | 102.0                         |
|   | CertainTeed             | Flexiglas Base Sheet                               | 58.5                          |
|   |                         | Flintlastic Poly SMS Base Sheet                    | 107.5                         |
|   | Siplast                 | Parabase   | 82.5                          |
|   |                         | Parabase Plus                                      | 93.5                          |



**Base Sheet Rupture Performance – TAS 117(B)**

| <b><u>OMG Product</u></b>   | <b><u>Manufacturer</u></b> | <b><u>Base Sheet</u></b>                        | <b><u>Typical Results (lbf)*</u></b> |
|---|----------------------------|---|--------------------------------------|
| Base Sheet Plate  | Soprema                    | Sopra-G   | 76.5                                 |
|   |                            | Modified Sopra-G                                | 64.0                                 |
|   |                            | Sopraglass 100                                  | 87.0                                 |
|   |                            | Sopravent                                       | 88.0                                 |
|   | Tamko                      | Glass-Base                                      | 65.0                                 |
|   |                            | Vapor-Chan                                      | 76.5                                 |
|   | Tremco                     | BURMastic Glass Ply                             | 87.0                                 |
|   |                            | BURMastic Composite Ply                         | 109.0                                |
| Flat Bottom Metal Plate<br>AccuTrac Plate,<br>AccuTrac Flat Bottom,<br>Recessed Metal Plate | GAF                        | GAFGLAS® 75 Base Sheet                          | 88.5                                 |
|   |                            | GAFGLAS® Stratavent Nailable Venting Base Sheet | 98.8                                 |
|   |                            | #80 Ultima™ Base Sheet                          | 106.1                                |
|   |                            | Liberty™ MA base                                | 137.7                                |
|   | JM                         | Permaply #28                                    | 100.5                                |
|   |                            | Ventsulation                                    | 95.1                                 |
|   |                            | Glastite Flexible Base                          | 163.1                                |
|   |                            | Dynabase  | 161.5                                |
|   |                            | APP Base  | 102.5                                |
|   | Tamko                      | Glass base                                      | 99.5                                 |
|   |                            | Versa Base                                      | 129.0                                |
|   |                            | Tam-Glas Premium                                | 94.8                                 |
|   |                            | Vapor Chan                                      | 106.5                                |
|   |                            | Base-n-Ply                                      | 103.6                                |



**Base Sheet Rupture Performance – TAS 117(B)**

|                            |                |   |       |
|----------------------------|----------------|---|-------|
| OlyLok Locking Impact Nail | CertainTeed    | GlasBase Base Sheet                                       | 101.5 |
|                            |                | Flintlastic Base 20                                       | 97.5  |
|                            |                | All Weather / Empire Base Sheet                           | 96.0  |
|                            |                | Yosemite Venting Base Sheet                               | 115.5 |
|                            |                | Flintlastic Poly SMS Base Sheet                           | 135.0 |
|                            |                | Flintlastic SA NailBase                                   | 71.0  |
|                            | Firestone      | MB Base   | 103.5 |
|                            |                | SBS Base  | 111.0 |
|                            | GAF            | GAFGLAS #75 Base Sheet                                    | 101.0 |
|                            |                | GAFGLAS #80 Ultima Base Sheet                             | 128.5 |
|                            |                | GAFGLAS Stratavent Eliminator Nailable Venting Base Sheet | 105.0 |
|                            | Johns Manville | DynaBase  | 119.5 |
|                            |                | Ventsulation  | 109.5 |
|                            |                | Perma Ply 28  | 91.5  |
|                            |                | DynaBase PR   | 141.5 |
|                            |                | DynaFast 180 HW   | 132.5 |
|                            |                | DynaFast 180 S  | 143.0 |
|                            |                | DynaLastic 180S   | 148.5 |
|                            | Polyglass      | Elastobase (sand faced)                                   | 131.0 |
|                            |                | Elastobase (film faced)                                   | 97.0  |
|                            | Siplast        | Parabase  | 111.5 |
|                            |                | Parabase Plus   | 88.0  |
|                            | Soprema        | Modified Sopra-G  | 94.5  |
| Soprabase                  |                | 123.0   |       |
| Soprema Venting Base Sheet |                | 122.5   |       |
| Tamko                      | Glass-Base     | 98.5  |       |

**Single Ply Lap Rupture Performance – TAS 117(B)**

| <u>OMG Product</u>  | <u>Manufacturer</u> | <u>Base Sheet</u> | <u>Typical Results (lbf)</u> |
|---------------------|---------------------|-------------------|------------------------------|
| OMG 2” Barbed Plate | Seaman              | FiberTite         | 189.5                        |
|                     | JPS                 | Hi-Tuff           | 186.5                        |
|                     | BondCote            | 350 Series        | 106.5                        |
|                     | Sarnafil            | S327              | 204.5                        |
|                     | GenFlex             | GenFlex RM        | 205.0                        |
|                     | Durolast            | Durolast 35 mil   | 149.5                        |

**Note:** The afore listed physical properties are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

\* A 2 to 1 margin of safety has been applied to afore listed test results providing the above noted design values.



## APPROVED APPLICATIONS:

**Tradename:** #12 Standard Roofgrip

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG Plastic Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 19/32" plywood or wood plank

**Tradename:** #12 Standard Hex Head

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3" Round Metal Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Approval (NOA).

Insulation Types: Polyisocyanurate, Perlite, Fesco board, High Density Wood Fiber, Fiberglass, Perlite/Urethane Composite, with current NOA.

Application: Mechanical attachment of roof insulation and membrane fastening assemblies. See specific Roof Assembly, Product Control Approval (NOA) for fastener density and approved attachment patterns.

Deck: 16-22 ga. steel, wood, min. 19/32" plywood or wood plank

**Tradename:** OMG Heavy Duty

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, RhinoBond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG Eyehook Accuseam Plate, OMG Plastic Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.

Application: Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 15/32" plywood or wood plank, 3000 psi concrete or concrete plank

**Tradename:** OMG XHD , OMG Super XHD

Compatible Plate(s): 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, RhinoBond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG 2-3/4" Super XHD Barbed Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, OMG Plastic Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.

Application: Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.

Deck: 18-22 ga. steel, wood, min. 19/32" plywood or wood plank, 3000 psi concrete or concrete plank



## APPROVED APPLICATIONS: (CONTINUED)

|                      |  |
|----------------------|--|
| <b>Tradename:</b>    | <b>CD-10</b>   |
| Compatible Plate(s): | 3 in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate and OMG Plastic Plate; and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.  |
| Application:         | Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.  |
| Deck:                | 3000 psi concrete or concrete plank.   |
| <b>Tradename:</b>    | <b>Lite-Deck</b>   |
| Compatible Plate(s): | 3" Lite-Deck Plate   |
| Application:         | Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.   |
| Deck:                | Cementitious wood fiber or gypsum  |
| <b>Tradename:</b>    | <b>Polymer GypTec</b>  |
| Compatible Plate(s): | Polymer Gyptec Insulation Plate or Polymer GypTec Plate 2" with barbs  |
| Application:         | Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.   |
| Deck:                | Cementitious wood fiber or gypsum  |
| <b>Tradename:</b>    | <b>OMG Purlin</b>  |
| Compatible Plate(s): | 3 in. Ribbed Galvalume Plate, OMG 2" Barbed Plate, ASAP, OMG Plastic Plate, OMG 3" Round Metal Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.  |
| Application:         | Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.   |
| Deck:                | Min. 18. ga. steel, wood, min. 19/32" plywood or wood plank, gypsum  |
| <b>Tradename:</b>    | <b>CR Base Sheet Fastener (1.2")</b>   |
| Compatible Plate(s): | OMG Base Sheet Plate.  |
| Application:         | See specific Roof Assembly Notice of Acceptance for base sheets and fastener densities.  |
| Decks:               | Gypsum, NVS or Hybrid lightweight insulating concrete.   |
| <b>Tradename:</b>    | <b>CR Base Sheet Fastener (1.7")</b>   |
| Compatible Plate(s): | OMG Base Sheet Plate.  |
| Application:         | See specific Roof Assembly Notice of Acceptance for base sheets and fastener densities.  |
| Decks:               | Aggregate or Cellular lightweight insulating concrete.   |
| <b>Tradename:</b>    | <b>RhinoBond (Retro) Driller</b>   |
| Compatible Plate(s): | RhinoBond Insulation Plate, Rhinobond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, 3in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), OMG Plastic Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance. |
| Application:         | Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.   |
| Deck:                | Min. 16 ga., 50 ksi steel  |



## APPROVED APPLICATIONS: (CONTINUED)

**Tradename:** **Maxload Fastener**  
**Compatible Plate(s):** 3in. Ribbed Galvalume Plate, 3 in. Ribbed Galvalume Plate (Flat), RhinoBond Insulation Plate, Rhinobond TreadSafe Plate, RhinoBond TPO/PVC SXHD Plate, OMG 2-3/8" Barbed XHD Plate, OMG Eyehook Accuseam Plate, AccuTrac Plate, AccuTrac Flat Bottom, Flat Bottom Metal Plate, Recessed Metal Plate, OMG 3" Galvalume Steel Plate and 3" Round Metal Plate and OMG Plastic Plate, and proprietary seam and fastening assembly plates listed in the specific Roof Assembly Notice of Acceptance.  
**Application:** Mechanical attachment of roof insulation and membrane. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.  
**Deck:** 18-22 ga. steel, wood, min. 19/32" plywood or wood plank, 3000 psi concrete or concrete plank

**Tradename:** **OlyLok Locking Impact Nail**  
**Compatible Plate(s):** N/A  
**Application:** See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.  
**Deck:** New or existing Cementitious Wood Fiber, Poured Gypsum, min. 300 psi Lightweight Insulating Concrete

## GENERAL LIMITATIONS:

1. OMG, Inc., fasteners are a component part of a Miami-Dade Approved Roof Assembly. These products are approved for use only with those roof assemblies listing these products as an approved component. Refer to an approved Roof Assemblies Notices of Acceptance for use, density and attachment patterns.
2. Only those specific fasteners listed in this approval shall be utilized in Approved Roof Assemblies Notice of Acceptance.
3. Fasteners shall be installed in strict compliance with manufacturer's installation instructions, and in compliance with the requirements set forth in Roofing Application Standard RAS 111, 117 & 137.
4. Care shall be taken not to puncture or tear the base sheet or insulation facer during fastener installation. Application recommendations are noted in Roofing Application Standard RAS 117.
5. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117 or RAS 137.
6. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf. as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
8. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

**MIAMI-DADE COUNTY**  
**APPROVED**

**END OF THIS ACCEPTANCE**

**MIAMI-DADE COUNTY**  
**APPROVED**

**NOA No.: 24-0627.03**  
**Expiration Date: 09/27/29**  
**Approval Date: 09/05/24**  
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