



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 and 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. 07-0321.03 and consists of pages 1 through 13.  
The submitted documentation was reviewed by Jorge L. Acebo.



**NOA No.: 08-0425.09  
Expiration Date: 09/27/12  
Approval Date: 08/07/08  
Page 1 of 13**

## ROOFING ASSEMBLY APPROVAL

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

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

#### FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Hextra	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#12 Standard Roofgrip	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#14 Standard Roofgrip	#14- x 24" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
#15 Standard Roofgrip	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#12 Standard Hex Head	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#14 Standard Hex Head	#14- x 24" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
#15 Standard Hex Head	#15 x 14" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#12 Stainless Standard	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, stainless steel fastener for use in steel or wood decks.
#14 Stainless Standard	#14- x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, standard thread, pinch point, stainless steel fastener for use in metal, wood
#15 Stainless Standard	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, stainless steel fastener for use in steel, wood
#15 SPM Screw	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
Large Head #15 Roofgrip	15" x 14" max. Length, oversized #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks.



## FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
C-R Base Sheet Fastener (1.2 in.)	1.125" head x 1.2" length.	TAS 114	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.
C-R Base Sheet Fastener (1.7 in.)	1.125" head x 1.75" length.	TAS 114	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With Olympic CR-10 coating.
CD-10	0.214" min. dia. x 12" max. length; wafer head	TAS 114	Carbon steel expansion fastener for use in structural concrete decks. CR-10 coated
Fluted Nail	0.212" to 0.225" dia. x 12" max. length; octagonal head	TAS 114	spiral shanked nail, for use in structural concrete decks. CR-10 coated
Lite-Deck	0.240" to 0.375" x 12" max. length; #3 Phillips flat head	TAS 114	Carbon steel fastener for insulation attachment in gypsum and cementitious wood fiber decks. CR-10 coated
NTB-1H	0.75" thread dia. x 1" dia. head x 8" max. length with double 0.375" hex recess	TAS 114	One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks. Available with two internal galvanized wires and plastic anti-back out plunger.
NTB-2H	0.75" thread dia. x 2" dia. head x 8" max. length with double 0.375" hex recess	TAS 114	One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks. Available with two internal galvanized wires and plastic anti-back out plunger.
OMG Heavy Duty	#14 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG XHD	#15 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG Super XHD	#21 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG HeadLok DP	#12 x max. 8 <sup>3</sup> / <sub>4</sub> "	TAS 114	Large Head carbon steel screw, drill point, for, use into min 18ga steel purlin CR-10 coated
OMG HeadLok SP	#14- x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Large Head Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
OMG Purlin	#12 x max. 8 <sup>3</sup> / <sub>4</sub> "	TAS 114	Hex head carbon steel screw, drill point, for use into min 18ga steel purlin
Strap Toggle	¼" dia. x 24" max. length bolt; 2" wide toggle	TAS 114	Metal spring loaded toggle bolt with a plastic locking strap for use in wood, steel or gypsum decks.



**PLATES:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
3 in. Ribbed Galvalume Plate	3" round	TAS 114	Round Galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners
3 in. Round Metal Plate	3" round	TAS 114	Round Galvalume steel stress plate for use with OMG fasteners.
AccuTrac Plate	3" square; .018"-.021" thick.	TAS 114 TAS 117	Galvalume steel plate for use with Standard Roofgrip and Standard Hex Head fasteners.
AccuTrac Flat Bottom	3" square; .018" - .021" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with #12 Roofgrip, #14 Roofgrip and #15 Roofgrip.
Base Sheet Plate	2.75" Galvalume steel stress plate.	TAS 114	galvalume stress plate for use with OMG C-R Base Sheet Fasteners.
Flat Bottom Metal Plate	3" square; .018" - .021" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with #12, 14 or 15 Standard Roofgrip
Lite-Deck Plate	3" round	TAS 114	Round, galvalume plate for use with Lite-Deck Fasteners.
OMG Plastic	3" round	TAS 114	Round high density polypropylene stress plate for use with OMG fasteners.
OMG 2 in. Barbed Plate	2" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG 2-3/4" Super XHD Barbed Plate	2-3/4" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG 3 in. Galvalume Steel Plate	3" round, .018"-.021" thick.	TAS 114 TAS 117	Galvalume coated steel plate for use with approved fasteners screw.
Recessed Metal Plate	3" square; .018"-.021" thick.	TAS 114 TAS 117	Galvalume steel plate for use with Standard Roofgrip, Hex Head or Stainless fasteners.
RHINO BOND Insulation Plate (TPO)	3" round	TAS 114	Primer coated plate for use with heat welded TPO membranes.
Gearlok Plastic Plate	3" diameter	TAS 114	High-density polyolefin plate for use with Hextra, #12, 14 or 15 Roofgrip fasteners



**PRE-ASSEMBLED SYSTEMS:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Fastening System	See components above	TAS 114	AccuTrac Galvalume plates with approved fasteners
C-R Assembled Base Sheet Fastener (1.2 in.)	1.125" head x 1.2" length.	TAS 114	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 Galvalume plate
C-R Assembled Base Sheet Fastener (1.75 in.)	1.125" head x 1.75" length.	TAS 114	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With OMG CR-10 fluorocarbon coating. With Galvalume plate
ASAP Roofgrip Pre-Assembled System	See components above	TAS 114	Pre-assembled Roofgrip #12, #14 and #15 fasteners with approved plates.
ASAP Hex Head Pre-Assembled System	See components above	TAS 114	Pre-assembled #12, #14, #15 Hex Head fasteners with approved plates.
Stainless ASAP Pre-Assembled System	See components above	TAS 114	Pre-assembled Stainless #12 and #14 fasteners with approved plates.

**EVIDENCE SUBMITTED**

<u>Test Agency/ Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	FM 4470	J.I. 3Z5A4.AM	02/23/96
	FM 4470	J.I. 1R0A4.AM	04/03/90
	FM 4470	J.I. 1N5A6.AM	06/22/87
	FM 4470	J.I. 1T3A3.AM	11/26/91
	FM 4470	J.I. 1V9A5.AM	09/16/92
	FM 4470	J.I. 0E6A9.AM	01/22/80
	FM 4470	J.I. 0G1A9.AM	10/19/82
	Wind Uplift	J.I. 0T0A5.AM	06/01/91
	Pull Out/Sheer Data	J.I. 0M3A6.AM	07/31/85
	Pull Out/Shear Data	J.I. 1T2A6.AM	02/22/93
	FMRC 4450	J.I. 1Y5A4.AM	07/19/94
	Tensile/Sheer Data	No. MA 4907 Lab # 2386	01/13/83
	Pull Out	No. MA 4907 Lab # 9098	04/24/85
	Wind Uplift	J.I. 0W7A2.AM	09/01/93
	Wind Uplift	J.I. 1X2A6.AM	08/01/93
	Wind Uplift	J.I. 2V0A5.AM	02/01/92
	Trinity   ERD	FM 4470	3031546
FM 4470		3026774	01/21/08
FM 4450		3032397	02/28/08
TAS 117(A), (B) & (C)		Base Sheet Testing	07/12/94
PA 117(A), (B) & (C)		#4251.08.96-1	08/01/96
	TAS 117(A), (B) & (C)	O8050.04.08-2	04/04/08



NOA No.: 08-0425.09  
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## TYPICAL PHYSICAL PROPERTIES

### 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	N/A	Shear Test	ASTM E 488	N/A	1019
		Pull Out Test	TAS 117(A)		783.3
		Pulsating Load			480
#14 Standard Hex Head	N/A	Shear Test	ASTM E 488	N/A	1019
		Pull Out Test	TAS 117(A)		783.3
		Pulsating Load			480
#14 Stainless Standard	N/A	Shear Test	ASTM E 488	N/A	1019
		Pull Out Test	TAS 117(A)		783.3
		Pulsating Load			480
OMG Heavy Duty	3,000	Pull Out Test	TAS 117(A)	1"	798.0
		Pulsating Load			578.0
OMG CD-10	3,000	Pulsating Load	TAS 117(A)	1"	410.0
OMG Fluted Nail	3,000	Pulsating Load	TAS 117(A)	1"	466.5

### 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>
AccuTrac Hextra	22 ga.	Pull Out Test	ASTM E 488	N/A	519.0
#12 Standard Roofgrip	22 ga.	Pull Out Test	ASTM E 488	N/A	519.0
		Pulsating Load	TAS 117(A)		213.0
#12 Standard Hex Head	22 ga.	Pull Out Test	ASTM E 488	N/A	519.0
		Pulsating Load	TAS 117(A)		213.0
#12 Stainless Standard	22 ga.	Pull Out Test	ASTM E 488	N/A	519.0
		Pulsating Load	TAS 117(A)		213.0
#14 Standard Roofgrip	22 ga.	Pull Out Test	ASTM E 488	N/A	415.0
		Pulsating Load	TAS 117(A)		220.0
#14 Standard Hex Head	22 ga.	Pull Out Test	ASTM E 488	N/A	415.0
		Pulsating Load	TAS 117(A)		220.0
#14 Stainless Standard	22 ga.	Pull Out Test	ASTM E 488	N/A	415.0
		Pulsating Load	TAS 117(A)		220.0
#15 Standard Roofgrip	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load	TAS 117(A)		248.0
#15 Standard Hex Head	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load	TAS 117(A)		248.0
#15 Stainless Standard	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load	TAS 117(A)		248.0
Large Head #15 Roofgrip	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load	TAS 117(A)		248.0
#15 SPM Roofgrip	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load	TAS 117(A)		248.0
OMG Heavy Duty	22 ga., grd. A	Pull Out Test	TAS 117(A)	1/2"	151.5
		Pulsating Load			136.5
OMG XHD	22 ga.	Pull Out Test	ASTM E 488	N/A	550.0
		Pulsating Load			248.0

**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>
AccuTrac Hextra	Min. 3/4"	Pull Out Test	ASTM E 488	N/A	517.0
#12 Standard Roofgrip	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	535.2
		Pulsating Load			238.0
#12 Standard Hex Head	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	535.2
		Pulsating Load			238.0
#12 Stainless Standard	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	535.2
		Pulsating Load			238.0
#14 Standard Roofgrip	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	613.6
		Pulsating Load			282.0
#14 Standard Hex Head	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	613.6
		Pulsating Load			282.0
#14 Stainless Standard	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	613.6
		Pulsating Load			282.0
#15 Standard Roofgrip	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0
#15 Standard Hex Head	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0
#15 Stainless Standard	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0
Large Head #15 Roofgrip	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0
#15 SPM Roofgrip	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0
OMG Heavy Duty	Min. 15/32"	Pull Out Test	TAS 117(A)	1/2"	137.5
		Pulsating Load			133.0
OMG XHD	Min. 19/32"	Pull Out Test	TAS 117(A)	N/A	581.7
		Pulsating Load			300.0

**Cementitious Wood Fiber Decks**

<u>Product</u>	<u>Deck</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
NTB-1H with locking wire barbs	Any	Pulsating Load	TAS 117(A)	1.5"	106.0
Lite Deck Fastener	Any	Pulsating Load	TAS 117(A)	2"	115.5

**Gypsum Decks**

<u>Product</u>	<u>Deck</u>	<u>Property(s) Tested</u>	<u>Test</u>	<u>Min. Embedment/ Penetration</u>	<u>Typical Results (lbf)</u>
CR 1.2 Base Sheet Fastener	Poured	Pulsating Load	TAS 117(A)	N/A	65.0
		Static Load			68.0
NTB-1H with locking wire barbs	Poured	Pulsating Load	TAS 117(A)	1.5"	257.0
Lite Deck Fastener	Poured	Pulsating Load	TAS 117(A)	2"	300.0



**Lightweight 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>
CR Base Sheet Fastener	200	Pulsating Load	TAS 117(A)	N/A	28 day cure, 48.0
		Static Load			3 day cure, 45.5
CR 1.2 Base Sheet Fastener	200	Pulsating Load	TAS 117(A)	N/A	28 day cure, 59.5
		Static Load			28 day cure, 38.5
					3 day cure, 29.5
					28 day cure, 48.5

<b>Base Sheet Rupture Performance – TAS 117(B)</b>				
<u>OMG Product</u>	<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Typical Results (lbf)*</u>	
3" Galvalume Square	Tamko	TamGlas	136.0	
	Schuller	Glasbase	120.0	
	Intec	Ultrabase	134.0	
	Malarkey		Malarkey 501	107.0
			Malarkey 601	129.0
	GAF		Black Warrior	126.0
			GAF # 75	137.0
	Celotex		Vaporbar GB	117.0
			Vaporbar	113.0
	Any		GS GlasBase	115.0
ASTM # 30			106.0	
		ASTM # 43	106.0	
3" Lite-Deck Plate, 3" Standard and 3" NTB Plate	Honeywell	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	70.5
			Stratavent	67.0
			GAFGLAS Ply 4	62.0
			Ruberoid Base	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
	GS Roofing		Flex-I-Glas Base	62.5
PolySMS			125.0	
Siplast		Parabase	93.5	



<b>Base Sheet Rupture Performance – TAS 117(B)</b>				
<b>OMG Product</b>	<b>Manufacturer</b>	<b>Base Sheet</b>	<b>Typical Results (lbf)*</b>	
	Malarkey	Parabase Plus	77.5	
		#501	53.5	
		#601	72.0	
	Tamko	Glass-Base	86.5	
		Vapor-Chan	73.5	
	Tremco	BURMastic Glass Ply	53.5	
		BURMastic Composite Ply	112.0	
	US Intec	Ultrabase	55.0	
	2.75" Base Sheet Plate	Honeywell	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	74.5	
		Stratavent	80.0	
		GAFGLAS Ply 4	65.5	
Johns Manville		Ruberoid Base	90.0	
		PermaPly 28	72.5	
		PermaPly-R	91.5	
		Dynabase	85.0	
		Glasbase	63.5	
		Ventsulation	74.0	
		GlasPly Premier	102.0	
GS Roofing		Flex-I-Glas Base	58.5	
		PolySMS	107.5	
Siplast		Parabase	82.5	
		Parabase Plus	93.5	
Soprema		Sopra-G	76.5	
		Modified Sopra-G	64.0	
		Sopraglass 100	87.0	
Tamko		Sopravent	88.0	
		Glass-Base	65.0	
Tremco		Vapor-Chan	76.5	
		BURMastic Glass Ply	87.0	
		BURMastic Composite Ply	109.0	
Flat Bottom Plate		GAF	GAFglas 75	176.9
			Stratavent Eliminator	197.5
	#80 Ultima Base Sheet		212.1	
	Liberty MA base		275.4	
	JM	Permaply #28	200.9	
		Ventsulation	190.2	
		Glastite flexible Base	326.1	
		Dynabase	322.9	
		APP Base	204.9	





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This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 and 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. 07-0321.03 and consists of pages 1 through 13.  
The submitted documentation was reviewed by Jorge L. Acebo.



**NOA No.: 08-0425.09  
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## ROOFING ASSEMBLY APPROVAL

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

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

#### FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Hextra	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#12 Standard Roofgrip	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#14 Standard Roofgrip	#14- x 24" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
#15 Standard Roofgrip	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#12 Standard Hex Head	#12 x 8" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating.
#14 Standard Hex Head	#14- x 24" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
#15 Standard Hex Head	#15 x 14" max. Length, 1/4" hex washer head.	TAS 114 TAS 117	Hex washer head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
#12 Stainless Standard	#12 x 8" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, stainless steel fastener for use in steel or wood decks.
#14 Stainless Standard	#14- x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, standard thread, pinch point, stainless steel fastener for use in metal, wood
#15 Stainless Standard	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, stainless steel fastener for use in steel, wood
#15 SPM Screw	#15 x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks. With CR-10 coating.
Large Head #15 Roofgrip	15" x 14" max. Length, oversized #3 Phillips head.	TAS 114 TAS 117	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel, wood, or concrete decks.



**FASTENERS:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
C-R Base Sheet Fastener (1.2 in.)	1.125" head x 1.2" length.	TAS 114	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.
C-R Base Sheet Fastener (1.7 in.)	1.125" head x 1.75" length.	TAS 114	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With Olympic CR-10 coating.
CD-10	0.214" min. dia. x 12" max. length; wafer head	TAS 114	Carbon steel expansion fastener for use in structural concrete decks. CR-10 coated
Fluted Nail	0.212" to 0.225" dia. x 12" max. length; octagonal head	TAS 114	spiral shanked nail, for use in structural concrete decks. CR-10 coated
Lite-Deck	0.240" to 0.375" x 12" max. length; #3 Phillips flat head	TAS 114	Carbon steel fastener for insulation attachment in gypsum and cementitious wood fiber decks. CR-10 coated
NTB-1H	0.75" thread dia. x 1" dia. head x 8" max. length with double 0.375" hex recess	TAS 114	One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks. Available with two internal galvanized wires and plastic anti-back out plunger.
NTB-2H	0.75" thread dia. x 2" dia. head x 8" max. length with double 0.375" hex recess	TAS 114	One piece, glass reinforced nylon fastener for use in gypsum and cementitious wood fiber decks. Available with two internal galvanized wires and plastic anti-back out plunger.
OMG Heavy Duty	#14 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG XHD	#15 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG Super XHD	#21 x 16" max. length; #3 Phillips head	TAS 114	Truss head, self-drilling, pinch point, high thread fastener for steel use in wood, steel or concrete decks.
OMG HeadLok DP	#12 x max. 8¾"	TAS 114	Large Head carbon steel screw, drill point, for, use into min 18ga steel purlin CR-10 coated
OMG HeadLok SP	#14- x 14" max. Length, #3 Phillips head.	TAS 114 TAS 117	Large Head Phillips head, standard thread, pinch point, carbon steel fastener for use in metal, wood or concrete decks. With CR-10 coating.
OMG Purlin	#12 x max. 8¾"	TAS 114	Hex head carbon steel screw, drill point, for use into min 18ga steel purlin
Strap Toggle	¼" dia. x 24" max. length bolt; 2" wide toggle	TAS 114	Metal spring loaded toggle bolt with a plastic locking strap for use in wood, steel or gypsum decks.



**PLATES:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
3 in. Ribbed Galvalume Plate	3" round	TAS 114	Round Galvalume plated steel stress plate with reinforcing ribs for use with OMG fasteners
3 in. Round Metal Plate	3" round	TAS 114	Round Galvalume steel stress plate for use with OMG fasteners.
AccuTrac Plate	3" square; .018"-.021" thick.	TAS 114 TAS 117	Galvalume steel plate for use with Standard Roofgrip and Standard Hex Head fasteners.
AccuTrac Flat Bottom	3" square; .018" - .021" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with #12 Roofgrip, #14 Roofgrip and #15 Roofgrip.
Base Sheet Plate	2.75" Galvalume steel stress plate.	TAS 114	galvalume stress plate for use with OMG C-R Base Sheet Fasteners.
Flat Bottom Metal Plate	3" square; .018" - .021" thick	TAS 114 TAS 117	A2-SS aluminized steel plate for use with #12, 14 or 15 Standard Roofgrip
Lite-Deck Plate	3" round	TAS 114	Round, galvalume plate for use with Lite-Deck Fasteners.
OMG Plastic	3" round	TAS 114	Round high density polypropylene stress plate for use with OMG fasteners.
OMG 2 in. Barbed Plate	2" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG 2-3/4" Super XHD Barbed Plate	2-3/4" round	TAS 114	Round galvanized steel stress plates for use with OMG fasteners.
OMG 3 in. Galvalume Steel Plate	3" round, .018"-.021" thick.	TAS 114 TAS 117	Galvalume coated steel plate for use with approved fasteners screw.
Recessed Metal Plate	3" square; .018"-.021" thick.	TAS 114 TAS 117	Galvalume steel plate for use with Standard Roofgrip, Hex Head or Stainless fasteners.
RHINO BOND Insulation Plate (TPO)	3" round	TAS 114	Primer coated plate for use with heat welded TPO membranes.
Gearlok Plastic Plate	3" diameter	TAS 114	High-density polyolefin plate for use with Hextra, #12, 14 or 15 Roofgrip fasteners



**PRE-ASSEMBLED SYSTEMS:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
AccuTrac Fastening System	See components above	TAS 114	AccuTrac Galvalume plates with approved fasteners
C-R Assembled Base Sheet Fastener (1.2 in.)	1.125" head x 1.2" length.	TAS 114	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 Galvalume plate
C-R Assembled Base Sheet Fastener (1.75 in.)	1.125" head x 1.75" length.	TAS 114	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With OMG CR-10 fluorocarbon coating. With Galvalume plate
ASAP Roofgrip Pre-Assembled System	See components above	TAS 114	Pre-assembled Roofgrip #12, #14 and #15 fasteners with approved plates.
ASAP Hex Head Pre-Assembled System	See components above	TAS 114	Pre-assembled #12, #14, #15 Hex Head fasteners with approved plates.
Stainless ASAP Pre-Assembled System	See components above	TAS 114	Pre-assembled Stainless #12 and #14 fasteners with approved plates.

**EVIDENCE SUBMITTED**

<u>Test Agency/ Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	FM 4470	J.I. 3Z5A4.AM	02/23/96
	FM 4470	J.I. 1R0A4.AM	04/03/90
	FM 4470	J.I. 1N5A6.AM	06/22/87
	FM 4470	J.I. 1T3A3.AM	11/26/91
	FM 4470	J.I. 1V9A5.AM	09/16/92
	FM 4470	J.I. 0E6A9.AM	01/22/80
	FM 4470	J.I. 0G1A9.AM	10/19/82
	Wind Uplift	J.I. 0T0A5.AM	06/01/91
	Pull Out/Sheer Data	J.I. 0M3A6.AM	07/31/85
	Pull Out/Shear Data	J.I. 1T2A6.AM	02/22/93
	FMRC 4450	J.I. 1Y5A4.AM	07/19/94
	Tensile/Sheer Data	No. MA 4907 Lab # 2386	01/13/83
	Pull Out	No. MA 4907 Lab # 9098	04/24/85
	Wind Uplift	J.I. 0W7A2.AM	09/01/93
	Wind Uplift	J.I. 1X2A6.AM	08/01/93
	Wind Uplift	J.I. 2V0A5.AM	02/01/92
	FM 4470	3031546	03/25/08
	FM 4470	3026774	01/21/08
	FM 4450	3032397	02/28/08
	Trinity   ERD	TAS 117(A), (B) & (C)	Base Sheet Testing
PA 117(A), (B) & (C)		#4251.08.96-1	08/01/96
TAS 117(A), (B) & (C)		O8050.04.08-2	04/04/08



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<b>Base Sheet Rupture Performance – TAS 117(B)</b>			
<b>OMG Product</b>	<b>Manufacturer</b>	<b>Base Sheet</b>	<b>Typical Results (lbf)*</b>
	Tamko	Glass base	198.9
		Versa Base	257.9
		Tam-Glas Premium	189.6
		Vapor Chan	212.9
		Base-n-Ply	207.1
3" Round Metal Plate	GAF	GAFglas 75	173.1
		Stratavent Eliminator	178.6
		#80 Ultima Base Sheet	185.3
		Liberty MA base	236.3
	JM	Permaply #28	146.2
		Ventsulation	151.4
		Glastite flexible Base	314.5
		Dynabase	296.6
	Tamko	APP Base	262.1
		Glass base	138.1
		Versa Base	234.9
		Tam-Glas Premium	179.9
		Vapor Chan	199.6
		Base-n-Ply	173.5

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

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

<b>OMG Product</b>	<b>Manufacturer</b>	<b>Base Sheet</b>	<b>Typical Results (lbf)</b>
2" Galvalume Plate with Barbs	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 physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

### APPROVED APPLICATIONS:

**Tradename:** AccuTrac Hextra  
**Compatible Plate(s):** Gearlok plastic, 3" round metal plate, and 3" square metal plates; 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



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**Tradename:** #12 Standard Roofgrip, #12 Stainless Standard  
**Compatible Plate(s):** Gearlok plastic, Standard plastic and 3" square metal plates; 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:** #14 Standard Roofgrip, #15 Standard Roofgrip, #14 Stainless Standard or #15 Stainless Standard, Large Head #15 Roofgrip  
**Compatible Plate(s):** Gearlock plastic, Standard 3" plastic and 3" square metal plates; and proprietary seam and fastening assembly plates listed in the specific Roof System 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. 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, 2500psi concrete or concrete plank

**Tradename:** #12 Standard Hex Head  
**Compatible Plate(s):** Gearlok plastic, 3" round metal plate, and 3" square metal plates; 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:** #14 Standard Hex Head or #15 Standard Hex Head  
**Compatible Plate(s):** Gearlock plastic, Standard 3" plastic and 3" square metal plates; and proprietary seam and fastening assembly plates listed in the specific Roof System 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. 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, 2500psi concrete or concrete plank



**Tradename:** **OMG Heavy Duty, XHD or Super XHD**  
**Compatible Plate(s):** 3" metal or 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, 2500 psi concrete or concrete plank

**Tradename:** **CD-10 or Fluted Nail**  
**Compatible Plate(s):** 3" metal or 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:** 2500 psi concrete or concrete plank

**Tradename:** **Lite-Deck Fastener**  
**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

**Tradename:** **NTB 1-H**  
**Compatible Plate(s):** NTB Plate, Spin Weld 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

**Tradename:** **NTB 2-H**  
**Compatible Plate(s):** NTB Plastic 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

**Tradename:** **Strap Toggle**  
**Compatible Plate(s):** 3" metal or plastic plate.  
**Application:** Mechanical attachment of roof insulation. 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, gypsum

**Tradename:** **Purlin Fastener**  
**Compatible Plate(s):** 2" Barbed Plates, ASAP, OMG Plastic, OMG Standard, OMG G-2, 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:** 18-22 ga. steel, wood, min. 19/32" plywood or wood plank, gypsum



**Tradename:** CR 1.2" Base Sheet Fastener  
**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.

**Tradename:** CR 1.75" Base Sheet Fastener  
**Compatible Plate(s):** OMG Base Sheet Plate.  
**Application:** See specific Roof Assembly Notice of Acceptance for base sheets and fastener densities. CR 1.75" Base Sheet Fastener may be used in any approved Roof Assembly NOA where the FM-90 Base Ply Fastener or the ITW Buildex Lite Weight Concrete Fastener is referenced. Approved fastening patterns and densities listed in any approved Roof Assembly NOA containing the FM-90 Base Ply Fastener or the ITW Buildex Lite Weight Concrete Fastener shall be acceptable when using OMG CR 1.75" Base Sheet Fastener.  
**Decks:** Aggregate or Cellular 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<sup>2</sup>) 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 9B-72 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 and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



**END OF THIS ACCEPTANCE**



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