MIAMI-DADE

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)

Olympic Mfg. Group
153 Bowles Rd.
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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Olympic Base Sheet Fastener Assemblies

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 consists of pages 1 through 5.
The submitted documentation was reviewed by Frank Zuloaga, RRC

PRODUCT CONTROL ACCEPTED

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Fasteners

Materials: Steel
Maximum Design Pressure N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
CR 1.2 Base Sheet Fastener	1.125" head x 1.2" length.	PA 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 flourocarbon coating.
CR 1.75 Base Sheet Fastener	1.125" head x 1.75" length.	PA 114	G-90 galvanized fastener for base sheet attachment to gypsum decks and lightweight insulating concrete decks. With Olympic CR-10 flourocarbon coating.
Base Sheet Plate	2.75" Galvalume steel stress plate.	PA 114	AZ-55 galvalume stress plate for use with Olympic Base Sheet Fasteners.

EVIDENCE SUBMITTED:

Test Agency/Identifier	Name	Report	Date
Factory Mutual Research Corporation	Base Sheet Attachment Approval Extension	Letter	10/14/92
Factory Mutual Research Corporation	Wind Uplift	J.I. 0T0A5.AM	06/01/91
Factory Mutual Research Corporation	Wind Uplift	J.I. 0W7A2.AM	09/01/93
Factory Mutual Research Corporation	Wind Uplift	J.I. 1X2A6.AM	08/01/93
Factory Mutual Research Corporation	Wind Uplift	J.I. 2V0A5.AM	02/01/92
Exterior Research & Design, LLC.	PA 117(A), (B) & (C)	Test Report #4251.08.96-1	08/01/96

TYPICAL PROPERTIES:

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

Withdrawal Resistance Performance - PA 117(A) - Static Load				
Fastener	**Deck Type**	**min. Penetration / Embedment**	**Static Withdrawal Resistance (lbf)**	
CR Base Sheet Fastener	min. 200 psi cellular lightweight concrete	n/a	3 day cure 45.5	28 day cure 59.5
CR 1.2 Base Sheet Fastener	min. 200 psi cellular lightweight concrete	n/a	3 day cure 29.5	28 day cure 48.5
	poured gypsum	n/a	68.0	

Withdrawal Resistance Performance - PA 117(A) - Pulsating Load			
Fastener	**Deck Type**	**min. Penetration / Embedment**	**Pulsating Withdrawal Resistance (lbf)**
CR Base Sheet Fastener	min. 200 psi cellular lightweight concrete	n/a	28 day cure: 48.0
CR 1.2 Base Sheet Fastener	min. 200 psi cellular lightweight concrete	n/a	28 day cure: 38.5
	poured gypsum	n/a	65.0

Base Sheet Rupture Performance - PA 117(B) - 2.75" Base Sheet Plate					
Manufacturer	**Base Sheet**	**Rupture[1] Value (lbf)**	**Manufacturer**	**Base Sheet**	**Rupture[1] Value (lbf)**
Honeywell	Glass Fiber Base Sheet	81.0	**John Manville**	PermaPly 28	72.5
	Premium Glass Fiber Felt	95.5		PermaPly-R	91.5
	Vented Base Sheet	70.0		Dynabase	85.0
Celotex	Channel Vent GB	82.0		Glasbase	63.5
	Vaporbar GB	83.0			
	Hydrostop	81.0		Ventsulation	74.0
GAF	GAFGLAS #75	74.5		GlasPly Premier	102.0

	Stratavent	80.0	**SOPREMA**	Sopra-G	76.5
	GAFGLAS Ply 4	65.5		Modified Sopra-G	64.0
	Ruberoid Base	90.0		Sopraglass 100	87.0
GS Roofing	Flex-I-Glas Base	58.5		Sopravent	88.0
	PolySMS	107.5	**Tamko**	Glass-Base	65.0
Siplast	Parabase	82.5		Vapor-Chan	76.5
	Parabase Plus	93.5	**Tremco**	BURMastic Glass Ply	87.0
				BURMastic Composite Ply	109.0
1. A 2 to 1 margin of safety has been applied to test results providing the above noted design values.					

APPROVED APPLICATIONS:

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

Compatible Plate(s): Olympic 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): Olympic 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 Olympic CR 1.75" Base Sheet Fastener.

Decks: Aggregate or Cellular lightweight insulating concrete.

GENERAL LIMITATIONS:

1. Refer to 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.

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.

6. 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.

END OF THIS ACCEPTANCE