



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

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Olympic Manufacturing Group, Inc.
153 Bowles Avenue P. O. Box 508
Agawam, MA 01001-0508

Your application for Notice of Acceptance (NOA) of:

Olympic Base Sheet Fastener Assemblies for Lightweight Decks

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-0519.09
EXPIRES: 08/21/2003

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 08/17/2000

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Fasteners

Approval Date: August 17, 2000

Expiration Date: August 21, 2003

Materials: Steel
Maximum Design Pressure N/A
Fire Classification: N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
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 fluoro-carbon 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 fluoro-carbon 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:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
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



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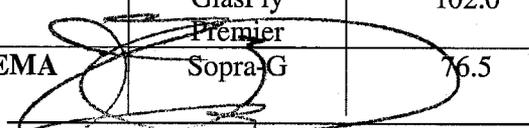
TYPICAL PROPERTIES:

Note: A 2 to 1 margin of safety 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


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	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 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, 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 System Assemblies
3. Fasteners shall be installed in strict compliance with manufacturer’s installation instructions, and in compliance with the requirements set forth in Miami-Dade County Roofing Application Standard PA 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 Miami-Dade County Roofing Application Standard PA 117.
6. 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 Engineer or Architect may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Miami-Dade County Testing Application Standards TAS 105 and calculations in compliance with Miami-Dade Roofing Application Standard RAS 117.



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NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Metro-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Metro-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The copies need not be resealed by the engineer.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance contains pages 1 through 5.

END OF THIS ACCEPTANCE



Frank Zuloaga, RRC
Roofing Plans Examiner