



**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)**

**Owens Corning  
One Owens Corning  
Toledo, Ohio 43659**

**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: Owens Corning MiraVista Copper & MiraVista Designer Metal**

**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



**NOA No.: 02-0408.06  
Expiration Date: 05/16/07  
Approval Date: 05/16/02  
Page 1 of 5**

## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Non-Structural Metal Panel  
**Material:** Copper, Steel  
**Maximum Design Pressure:** -58 psf.

## TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

<u>Product</u>	<u>Dimensions</u>	<u>Product Description</u>
MiraVista® Copper	34" long x 12" wide	16oz. Copper (with or without aged bronze finish) metal shingle.
MiraVista® Designer Metal	34" long x 12" wide	Kynar 500 coated Galvalume metal shingle available in 25 colors.
Trim Pieces	Min. thickness 0.0217 Various	End wall, drip edge, valley, sidewall, rake edge, and interlocking hip and ridge trip pieces for use with the Riva Select or Riva Classic metal shingle systems.

## EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	PA 107		
Center for Applied Engineering	PA 100		
Exterior Research & Design, LLC.	PA 102	#9106.08097-1	08.15.97



NOA No.: 02-0408.06  
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- SYSTEM A-1S:** MiraVista® Designer Metal
- Deck Type:** Wood, Non-insulated
- Deck Description:** New Construction or Re-roof  
19/32" or greater plywood or wood plank.
- Slope Range:** 2":12" or greater
- Maximum Uplift Pressure:** The maximum allowable design pressure for the panel shall be -58 psf
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less using minimum #8 x 1 3/4" wood screws or annular ring shank nails at a spacing of 6" o.c. at supports. In re-roofing, where the deck is less than 19/32" thick (Minimum 15/32") The above attachment method must be in addition to existing attachment.
- Underlayment:** Minimum underlayment shall be a ASTM D 226 Type II installed with a minimum 4" side laps and 6" end laps. Underlayment shall be fastened with corrosion resistance tin-caps and 1 1/4" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. Underlayment shall comply with applicable building code Application Standard RAS 133.
- Fire Barrier:** For class A or B fire rating, installed minimum 1/4" thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4 mm thick of Tritex, RockRoof (with current NOA) or 5/8" water resistant type X gypsum sheathing with treated core and facer.
- Valleys:** Valley construction shall be in compliance with Miami-Dade County Roofing Application Standard RAS 133 and with Owens Corning's current published installation instructions.
- Metal Panels and Accessories:** Install The MiraVista ® Designer Metal shingles including flashing penetrations, valleys end laps and accessories in compliance with Owens Corning current, published installation instructions and in compliance with the minimum requirements detailed in Roofing Application Standard RAS 133.
- Clips Shall be attached to substrate with one corrosion resistant roofing nail of sufficient length to penetrate through the sheathing a minimum of 3/16".



- SYSTEM A-1C:** MiraVista® Copper
- Deck Type:** Wood, Non-insulated
- Deck Description:** New Construction or Re-roof  
19/32" or greater plywood or wood plank.
- Maximum Uplift Pressure:** The maximum allowable design pressure for the panel shall be **-56 psf**
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less using minimum #8 x 1 3/4" wood screws or annular ring shank nails at a spacing of 6" o.c. at supports. In re-roofing, where the deck is less than 19/32" thick (Minimum 15/32") the above attachment method must be in addition to existing attachment.
- Underlayment:** Minimum underlayment shall be a ASTM D 226 Type II installed with a minimum 4" side-laps and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 1 1/4" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. Underlayment shall comply with applicable building code Application Standard RAS 133.
- Fire Barrier:** For class A or B fire rating, installed minimum 1/4" thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4 mm thick of Tritex, RockRoof (with current NOA) or 5/8" water resistant type X gypsum sheathing with treated core and facer.
- Valleys:** Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with current published installation instruction and details in Dura-Loc Roofing System Limited current published installation instructions.
- Metal Panels and Accessories:** Install MiraVista® Copper shingles including flashing, penetrations, valleys, end laps and accessories in compliance with Owens Corning current, published installation instructions and in compliance with the minimum requirements detailed in Roofing Application Standard RAS 133.
- Clips shall be attached to substrate with one corrosion resistant roofing nail of sufficient length to penetrate through the sheathing a minimum of 3/16".

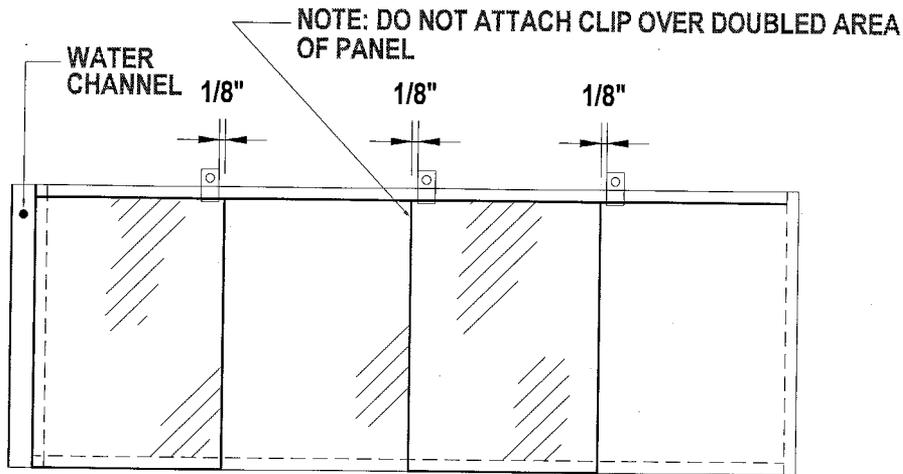


## SYSTEM LIMITATIONS

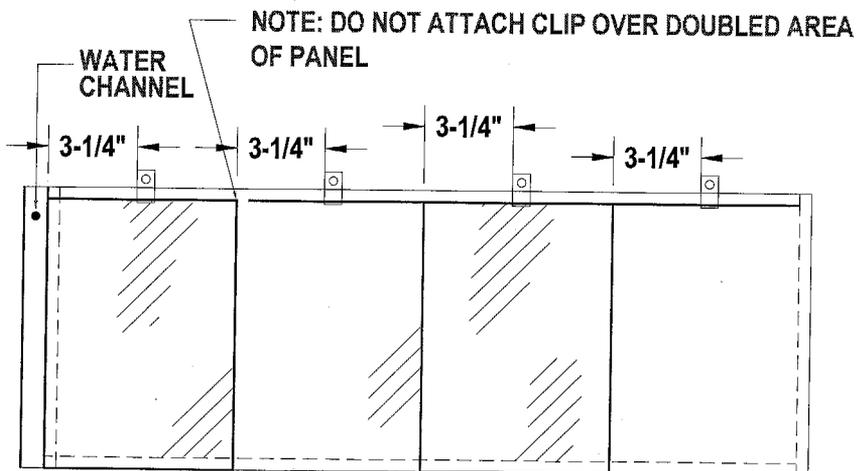
1. Increased design pressure at perimeter and corner areas, in compliance with applicable building code may be met through rational analysis by increasing the number of attachment points in these areas. The maximum fasteners spacing noted in the "System Description" section of this approval shall not be exceeded. All rational analysis computation shall be prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.

## MIRAVISTA® DESIGNER METAL & MIRAVISTA® COPPER

### MIRAVISTA DESIGNER METAL



### MIRAVISTA COPPER



END OF THIS ACCEPTANCE



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Expiration Date: 05/16/07  
Approval Date: 05/16/02  
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One Owens Corning Parkway  
Toledo, OH 43659**

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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: High Ridge Hip & Ridge**

**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.

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This NOA consists of pages 1 through 3.  
The submitted documentation was reviewed by Frank Zuloaga, RRC



**NOA No.: 02-1209.06  
Expiration Date: 01/11/06  
Approval Date: 02/13/03  
Page 1 of 3**

## ROOFING ASSEMBLY APPROVAL

**Category:** Roofing  
**Sub-Category:** 07310 Asphalt Shingles  
**Materials:** Asphalt, Fiberglass  
**Deck Type:** Wood

### 1. SCOPE

This revises Owens Corning High Ridge Hip & Ridge as manufactured by Owens Corning described in Section 2 of this Notice of Acceptance.

### 2. PRODUCT DESCRIPTION

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
High Ridge Hip & Ridge	12" x 12"	TAS 110	Prefabricated hip and ridge fiberglass reinforced asphalt shingle.

### EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	R2453/00NK33081	Reference:	10/26/2000
PRI Asphalt Technologies, Inc.	OCF-39-02-01 OCF-068-02-01	TAS 100	11/01/2000 11/20/02
Underwriters Laboratories, Inc.	94NK9632 02NK42802	TAS 107	10/04/2000 11/04/02

### 3. LIMITATIONS

- 3.1 Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 3.2 Shall not be installed on roof mean heights in excess of 33 ft.

### 4. INSTALLATION

- 4.1 Hip and Ridge shingles shall be installed in compliance with Roofing Application Standard RAS 115.
- 4.2 Flashing shall be in accordance with Roofing Application Standard RAS 115
- 4.3 The manufacturer shall provide clearly written application instructions.
- 4.4 Exposure and course layout shall be in compliance with Detail 'A', attached.
- 4.5 Nailing shall be in compliance with Detail 'B', attached.

### 5. LABELING

- 5.1 Hip and Ridge shingles shall be labeled with the Miami-Dade Logo or the wording "Miami-Dade County Product Control Approved".

### 6. BUILDING PERMIT REQUIREMENTS

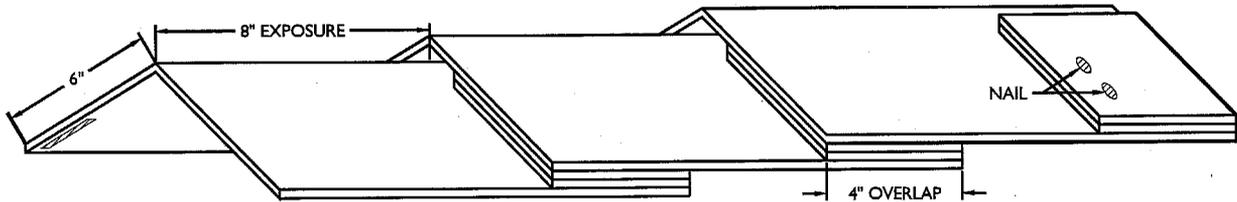
- 6.1 Application for building permit shall be accompanied by copies of the following:
  - 6.1.1 This Notice of Acceptance.
  - 6.1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.



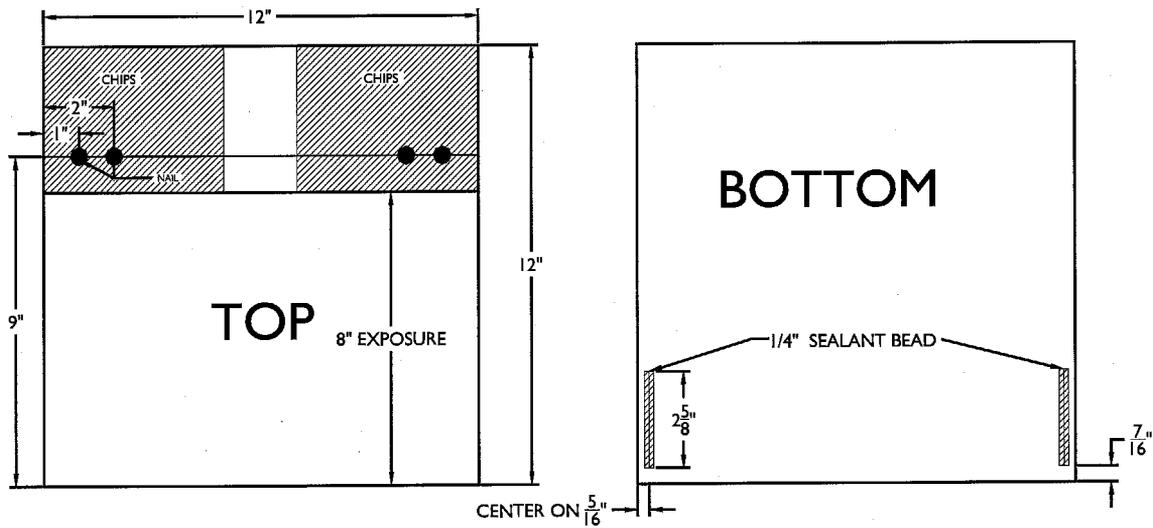
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### DETAIL A

OWENS CORNING  
HIGH RIDGE HIP & RIDGE  
WITH SEALANT



### DETAIL B



END OF THIS ACCEPTANCE



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Expiration Date: 01/11/06  
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