



**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
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

Zirconia, Inc.
4611 S. 134th Place, Suite 240
Tukwila, WA 98168

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.

DESCRIPTION: CeramycGuard Inorganic Polymer Concrete Coating, Anti-Salt Corrosion Barrier

<u>Test</u>	<u>Standard</u>	<u>Results</u>
Durometer Hardness (Shore D)	ASTM D2240	83
Pull-Off Adhesion Strength	ASTM D7234	568 psi
Accelerated Weathering (100 Days)	ASTM D5894 (Modified)	No Damage or Disbondment

MISSILE IMPACT RATING: None

LABELING: Each container 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.

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 consists of pages 1 and 2.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



03/26/24

NOA No. 23-1212.01
Expiration Date: March 28, 2029
Approval Date: March 28, 2024

WALL COMPONENT APPROVAL

Manufacturer:

1. Zirconia, Inc.

Manufacturing Location:

1. Tukwila, WA.

Material:

1. Nano-Ceramic Inorganic Polymer.

Substrate:

1. Concrete.

Surface Preparation:

1. Surface must be clean, dry, and in sound condition.
2. Remove all oil, dust, grease, dirt. Loose rust, and other foreign material to ensure adequate Chemical bonding.

Application:

1. Brush and roll application, or squeegee and back roll for horizontal surfaces at a minimum coverage of 230 ft²/1 gal @ 7 dry mils and 150 ft²/1 gal @ 9 dry mils per coat.

Tests:

<u>Laboratory</u>	<u>Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1. Nelson Testing	23-1421	ASTM D2240	12/08/23	Walter T. Holz, Jr., P.E.
2. Nelson Testing	23-1421	ASTM D7234	12/08/23	Walter T. Holz, Jr., P.E.
3. Zirconia	N/A	ASTM D5894 (Mod)	09/04/19	Muralee Balaguru

Other Properties:

1. Chemically bonded.
2. Physical durability of alumina-zirconia-silicates.
3. Barrier to ingress of contaminants.

Statements:

1. None.

Limitations:

1. This Zirconia CeramycGuard Inorganic Polymer Concrete Coating is an anti-salt corrosion barrier. It has not been tested for water infiltration.



Carlos M. Utrera, P.E.
Product Control Examiner
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