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)

Urecoats Manufacturing, Inc.
1239 East Newport Center Drive
Suite 101
Deerfield Beach, FL 33442

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: UrecoatsRSM-100™ over Lightweight Concrete Decks

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 4.
The submitted documentation was reviewed by Frank Zuloaga, RRC

ROOFING ASSEMBLY APPROVAL

Category:	Roofing
Sub-Category:	Liquid Applied Roof System
Material	Hot Rubberized Asphalt
Deck Type:	Lightweight Concrete
Maximum Design Pressure	**-160 psf**
Fire Classification:	N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
UrecoatsRSM-100™	N/A	CGSB-37.50-M89	A Polymer Modified Bituminous Asphalt, Hot-spray applied at high temperature and high pressure using specially design Spray Applicator system.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS

TABLE 2

Product	Dimensions	Test Specification	Product Description	Manufacturer
Polyester Fabric	Various	N/A	Polyester reinforcing fabric	Generic
Fibrated Aluminum Roof Coating (#97 AF)	1, 5, 55 gallons.	ASTM D 2824 type III	An asbestos free fibrated aluminum roof coating.	Karnak Corp.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Product Date
Intertek Testing Services	488-1383	CAN/CGSB 37.50-M89	05/09/2000
Intertek Testing Services	488-1779	ASTM D 5147	01/09/02
IRT of S. Florida, Inc.	00018-00021	PA 114	08/07/2000
PRI Asphalt Technologies, Inc.	URE-010-02-01 URE-011-02-01 URE-013-02-01	TAS 114	04/04/02 07/24/02 10/04/02
Underwriters Laboratories, Inc.	02NK7473	Fire Classification	08/07/02

APPROVED APPLICATIONS:

Deck Type 4: Lightweight Concrete, non-insulated, New Construction

Deck Description: Elastizell Cellular Lightweight Insulating Concrete (250 psi minimum), over structural concrete decks

System Type F(1): UrecoatsRSM-100™ system applied directly to primed substrate.

All General and System Limitations apply.

Substrate Preparation: All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Primer: ASTM D-41 asphalt primer installed at the rate of 1-2 gal/100 ft^2.

Base Coat: Apply UrecoatsRSM-100™ at a minimum application rate of 3 gal/100 ft^2 (Minimum 60 mils thick).

Reinforcement: A single layer of polyester fabric applied to the wet foundation coat while still hot. Fabric joints shall be overlapped a minimum of 3".

Top Coat: Apply UrecoatsRSM-100™ over the reinforcement at a minimum application rate of 3 gal/100 ft^2 (Minimum 60 mils thick).

Surfacing: (Optional) Apply Karnak No. 97 Fibrated Aluminum Roof Coating at an application rate of 1.5 gal/100 ft^2.

Maximum Design Pressure: -160 psf. (See General Limitaion #9)

LIGHTWEIGHT INSULATING CONCRETE SYSTEM LIMITATIONS:

1. For systems where specific lightweight insulating concrete is not referenced, the minimum design mix shall be a minimum of 250 psi.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') 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.
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 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.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**

END OF THIS ACCEPTANCE