



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)

Republic Powdered Metals, Inc.
2628 Pearl Road
Medina, OH. 44256

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Solargard® Elastomeric 6083 Maintenance Coating System

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 NOA consists of pages 1 through 13.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 08-0827.24
Expiration Date: 12/11/13
Approval Date: 12/11/08
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Cement-Adhesive-Coatings
Material: Elastomeric
Maximum Design Pressure N/A
Fire Classification: See Limitation #1

SCOPE:

This approves “**Solargard® Elastomeric 6083 Maintenance Coating System**” as a maintenance roof coating as manufactured by Republic Powdered Metals Inc., as described in this Notice of Acceptance, designed to comply with the Florida Building Code.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Solargard® Elastomeric 6083 Maintenance Coating	1, 5 or 53 gal.	TAS 114	Liquid-applied, elastomeric roofing material.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Momentum Technologies, Inc.	EX08G4A	ASTM D6083	09/08/04
Trinity ERD	R10940.08.08	Adhesion Performance PA 114, Appendix H	08/07/08

BUILDING PERMIT REQUIREMENTS

1. This Notice of Acceptance.
2. Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.



NOA No.: 08-0827.24
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PHYSICAL PROPERTIES OF COMPONENTS

Trade name:	Solargard® Elastomeric 6083 Maintenance Coating
Thickness:	See Systems Approvals below.
Specifications:	ASTM D 6083
Description:	Coating system used for waterproofing and weatherproofing roofs.
Container Size:	1, 5, or 53 gallons. Note all cautions on container label.
Systems Approvals:	Methods of application and quantities shall comply with specific Roof Assembly, Product Control Notice of Acceptance.

APPROVED ROOF MAINTENANCE COATING APPLICATION:

Substrate: Coated Metal

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with Solargard. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: *Solargard Metal Primer* at approximately 200 ft²/gal

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats at 1 gal./100 ft² (16 wet mils) per coat. Wait 12-24 hours between coats. Apply the system in a Buff Base Coat and White (or selected color) Finish Coat. The coverage rates shown are intended as minimum application requirements. The surface dictates actual coverage needed. On metal roofs with irregular panel and rib design, multiply feet by 1.15 to calculate actual surface area to be coated.

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Galvanized Metal

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: *Solargard Metal Primer* at approximately 200 ft²/gal

Surface Treatment: New galvanized panels must be weathered a minimum of six months or treated with a phosphoric acid wash to remove factory oil film. The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats at 1 gal./100 sq. ft. (16 wet mils) per coat. Wait 12-24 hours between coats. Apply the system in a Buff Base Coat and White (or selected color) Finish Coat. The coverage rates shown are intended as minimum application requirements. The surface dictates actual coverage needed. On metal roofs with irregular panel and rib design, multiply feet by 1.15 to calculate actual surface area to be coated.

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Concrete

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: Republic Single Ply Primer or Solargard Masonry Primer at the rate of 200ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats at 1-1/2 gal./100 sq. ft. (16 wet mils) per coat. Wait 12-24 hours between coats. Apply the system in a Buff Base Coat and White (or selected color) Finish Coat. The coverage rates shown are intended as minimum application requirements. The surface dictates actual coverage needed.

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Smooth BUR

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: Republic WB Primer at the rate of 200 – 400 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats over a prepared, and primed, roof at the rate of 1 ½ gal./100 ft² (24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 3 gal. /100 ft².

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 to 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Smooth Modified Bitumen

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: Republic WB Primer at the rate of 200–400 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats over a prepared, and primed, roof at the rate of 1 ½ gal./100 ft² (24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 3 gal. /100 ft².

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 to 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: PVC

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: Republic Single Ply Primer at the rate of 200-300 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Apply Solargard 6083 over prepared and primed roof at the rate of 1 to 1 ½ gal./100 sq. ft. (16-24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 2 to 3 gal./100 sq. ft. (32-48 wet mils).

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 to 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: TPO

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance

Primer: Republic Single Ply Primer at the rate of 200-300 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Apply Solargard 6083 over prepared and primed roof at the rate of 1 to 1 ½ gal./100 sq. ft. (16-24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 2 to 3 gal./100 sq. ft. (32-48 wet mils).

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 to 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: EPDM

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance

Primer: Republic Single Ply Primer at the rate of 200-300 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Apply Solargard 6083 over prepared and primed roof at the rate of 1 to 1 ½ gal./100 sq. ft. (16-24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 2 to 3 gal./100 sq. ft. (32-48 wet mils).

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 to 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Granule Surfaced Modified Bitumen

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: Republic WB Primer at the rate of 200–400 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats over a prepared, and primed, roof at the rate of 1 ½ gal./100 ft² (24 wet mils). Allow first coat to fully cure prior to the application of the second coat. The whole surface, when finished, should have Solargard 6083 on it at a rate of 3 gal. /100 ft².

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1-1/2 gal./100 ft²

Maximum Design Pressure: N/A



Substrate: Existing acrylic (water-based) coatings

All General Limitations Apply

Coating: The surface shall be clean, sound and dry prior to application of Solargard 6083 Elastomeric Coating. Check for adhesion and compatibility of any remaining, tightly adhered, existing coating with Solargard. All surface preparation, and repairs, shall be in compliance with the Solargard's published application instructions and current Miami-Dade Notice of Acceptance.

Primer: If required by project, *Solargard Metal Primer* at approximately 200 ft²/gal or *Republic Single Ply Primer* at a rate of 200-300 ft²/gal, or *Republic WB Primer* at a rate of 200-400 ft²/gal.

Surface Treatment: The base of all roof penetrations and curbs, i.e. stacks, vents, etc., must be sealed using Solargard Seam Sealer or Solargard Acrylic Sealer at the rate of 30 - 40 lineal ft./gal.

Foundation Coating: Solargard 6083 is to be applied in two coats at 1 gal./100 sq. ft. (16 wet mils) per coat. Wait 12-24 hours between coats. Apply the system in a Buff Base Coat and White (or selected color) Finish Coat. The coverage rates shown are intended as minimum application requirements. The surface dictates actual coverage needed.

Top Coat: Finish Coat as described above in the "Foundation Coating" section is to be applied at 1 gal./100 ft²

Maximum Design Pressure: N/A



SYSTEM LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire rating of this product.
 2. All products shall be applied in strict compliance with Manufacturer's published application instructions.
 3. Republic Powdered Metals products shall not be applied in inclement weather conditions.
 4. Republic Powdered Metals shall not be covered with stone chips, screeds, tiles or soil.
 5. Republic Powdered Metals shall not be applied over existing gravel surfaces.
 6. Approved primer is required on all unprotected iron and steel and previously painted surfaces.
 7. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list any of the products listed herein as part of their roof assemblies Notice of Acceptance.
 8. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to BCCO upon request.
 9. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.
- A black oval seal with the text "MIAMI-DADE COUNTY" in white on the top line and "APPROVED" in white on the bottom line.
10. Change in materials, use, or manufacture of any of the products listed herein shall be cause for termination of this Notice of Acceptance.
 11. 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

