

Florida Building Code Online Product Approval

Information Sheet

Updated: 6/09



***Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™***



[DCA HOME](#) | [ABOUT DCA](#) | [DCA PROGRAMS](#) | [CONTACT DCA](#)



[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [FBC Staff](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**



FL #	FL620-R2										
Application Type	Revision										
Code Version	2007										
Application Status	Approved										
Comments											
Archived	<input type="checkbox"/>										
Product Manufacturer	GAF Materials Corporation										
Address/ Phone/ Email	1361 Alps Road Wayne, NJ 07470 (973) 872-4421 bmcsorley@gaf.com										
Authorized Signature	Beth McSorley bmcsorley@gaf.com										
Technical Representative	Beth McSarley										
Address/ Phone/ Email	1361 Alps Road - Bldg 11-1 Wayne, NJ 07470 (973) 872-4421 BMcSorley@gaf.com										
Quality Assurance Representative											
Address/ Phone/ Email											
Category	Roofing										
Subcategory	Cements-Adhesives-Coatings										
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received										
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen										
Florida License	PE-59166										
Quality Assurance Entity	Underwriters Laboratories Inc.										
Quality Assurance Contract Expiration Date	12/31/2011										
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received										
Certificate of Independence	FL620_R2_COI_Trinity_ERD_CI_-_Nieminen.pdf										
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D6083</td> <td>1997</td> </tr> <tr> <td>FM 4470</td> <td>1992</td> </tr> <tr> <td>TAS 110</td> <td>2000</td> </tr> <tr> <td>TAS 139</td> <td>1995</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D6083	1997	FM 4470	1992	TAS 110	2000	TAS 139	1995
<u>Standard</u>	<u>Year</u>										
ASTM D6083	1997										
FM 4470	1992										
TAS 110	2000										
TAS 139	1995										
Equivalence of Product Standards											

Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

01/06/2009

Date Validated

01/06/2009

Date Pending FBC Approval

01/12/2009

Date Approved

02/03/2009

Summary of Products

FL #	Model, Number or Name	Description
620.1	TOPCOAT Roof Maintenance Coating Systems	Liquid applied roof coating systems
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: No Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER Section 5.		Installation Instructions FL620_R2_IL_er010409FINAL_GAF_Cements-Adhesives-Coatings.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL620_R2_AE_er010409FINAL_GAF_Cements-Adhesives-Coatings.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)[DCA Administration](#)

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Fax (850) 414-8436

© 2000-2005 The State of Florida. All rights reserved. [Copyright and Disclaimer](#)

Product Approval Accepts:





EXTERIOR RESEARCH & DESIGN, LLC.
Certificate of Authorization #9503
353 CHRISTIAN STREET
OXFORD, CT 06478
PHONE: (203) 262-9245
FAX: (203) 262-9243

EVALUATION REPORT

GAF Materials Corporation
1361 Alps Road, Bldg 7-3
Wayne, NJ 7470

Evaluation Report 01506.01.09-CAC
FL620-R2
Date of Issuance: 01/05/2009

SCOPE:

This Evaluation Report is issued under Rule 9B-72 and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been designed to comply with the 2007 Florida Building Code.

DESCRIPTION: GAF TOPCOAT® Roof Maintenance Coating Systems

LABELING: Each unit shall bear labeling in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity|ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Evaluation Report number preceded by the words "Trinity | ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

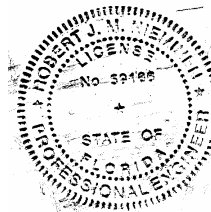
INSPECTION: Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 5.

Prepared by:

Robert J.M. Nieminen, P.E.

Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 01/05/2009. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client.

CERTIFICATION OF INDEPENDENCE:

1. Exterior Research & Design, LLC. d/b/a Trinity | ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. Exterior Research & Design, LLC. d/b/a Trinity | ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

ROOFING COMPONENT EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Cements – Adhesives - Coatings
Compliance Statement: TOPCOAT Roof Maintenance Coating Systems, as outlined herein and produced by GAF Materials Corporation, have demonstrated compliance with the Florida Building Code through testing in accordance with the Standards set forth herein. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

2. STANDARDS:

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1504.3.1	Wind	FM 4470	1992
1504.7	Impact	FM 4470	1992
1507.10.2	Physical Properties	ASTM D6083	1997
TAS 110	Physical Properties	TAS 139	1995
1523.1.1	Physical Properties	TAS 110	2000

3. REFERENCES:

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
FM (TST 1867)	FM 4470	3015619	03/15/2005
FM (TST 1867)	FM 4470	3026767	02/01/2007
MTI (TST 2508)	Physical Properties	EX14A3A	02/26/2004
PRI (TST 5878)	Physical Properties	GAF-054-02-01	07/11/2004
PRI (TST 5878)	Physical Properties	GAF-065-02-01	12/14/2004
PRI (TST 5878)	Physical Properties	GAF-087-02-01	09/26/2005
PRI (TST 5878)	Physical Properties	GAF-110-02-01	02/15/2006
PRI (TST 5878)	Physical Properties	GAF-082-02-01	05/07/2006
PRI (TST 5878)	Physical Properties	GAF-084-02-01	05/07/2006
PRI (TST 5878)	Physical Properties	GAF-122-02-01	05/07/2006
UL (TST 1740)	Physical Properties	04NK12216	06/10/2004
M-D (CER 1592)	HVHZ Compliance	08-0221.01	05/15/2008
UL (QUA 1743)	Quality Assurance	R14948	09/18/2006

4. PRODUCT DESCRIPTION:

Table 1A: Products for GAF TOPCOAT Restoration Systems			
Type	Product	Specification	Use
Liquid Applied Restoration	TOPCOAT CRT	ASTM D6083	Restorative Membrane
	TOPCOAT Elastomeric Membrane	ASTM D6083	Restorative Membrane
	TOPCOAT MB Plus	ASTM D6083 (physicals)	Restorative Membrane
	TOPCOAT Surface Seal SB	ASTM D6083 (physicals)	Restorative Membrane
	TOPCOAT EPDM	ASTM D6083	Restorative Membrane
	TOPCOAT FireShield SB	ASTM D6083	Restorative Membrane
	TOPCOAT FireShield MB	ASTM D6083	Restorative Membrane
	TOPCOAT FireShield EPDM	ASTM D6083	Restorative Membrane
	TOPCOAT Topester Fabric	N/A	Reinforcement
	FireOut	N/A	Fire Barrier
	TOPCOAT Flashing Grade	TAS 139	Flashing
	TOPCOAT Liquid Fabric Flashing Grade	N/A	Flashing
	TOPCOAT SB-900	N/A	Flashing

Table 1A (Continued): Products for GAF TOPCOAT Restoration Systems			
Type	Product	Specification	Use
Liquid Applied Restoration	TOPCOAT WALLCOTE Wall Coating	N/A	Wall Flashing
	TOPCOAT Flexseal	TAS 139	Flashing/Detailing
	TOPCOAT Fastener Grade	N/A	Detailing
	TOPCOAT MP-300	N/A	Primer
	TOPCOAT XR-2000	N/A	Primer
	TOPCOAT Precote	N/A	Primer
	TOPCOAT One-Step	N/A	Primer
	TOPCOAT WALLCOTE Block Primer	N/A	Primer
	TOPCOAT WALLCOTE Flashing Sealant	N/A	Sealant
	TOPCOAT SKY-LITE	N/A	Restorative Coating

5. LIMITATIONS:

- 5.1 This Evaluation Report is not for use in HVHZ.
- 5.2 Fire classification is not part of this Evaluation Report. Refer to a current Roofing Materials directory for fire classifications of roof assemblies using the components outlined herein.
- 5.3 The products listed herein are components of roof assemblies and are approved with use with roof assemblies that list any of the products as part of Product Approval documentation or as restoration components for existing roof systems. If a product is not listed in a roof assembly's Product Approval documentation, this Evaluation Report, coupled with fire resistance data to the satisfaction of the AHJ, may be used for compliance documentation.
- 5.4 The TOPCOAT Roof Maintenance Coating System is applicable for use over new or existing low-slope roof systems, and shall not be used atop prepared roofing; i.e., asphalt shingles, fiber-cement shingles, slate, tile, metal shingles, wood shingles or shakes.
- 5.5 All products listed herein shall have quality assurance audit in accordance with F.A.C. Rule 9B-72 requirements.

6. INSTALLATION:

- 6.1 GAF TOPCOAT® shall be installed in accordance with GAF Materials Corporation published installation instructions, subject to the Limitations in Section 5.

6.1.1 Existing or New Smooth or Mineral Surface BUR or Modified Bitumen:

Substrate Preparation:	Substrate shall be clean and dry. Repair any blistered, buckled or wet BUR or MB with like materials. Repair any cracking or crazing having width or depth greater than 1/16" using TOPCOAT Flexseal or SB-900.
Base Coat:	TOPCOAT MB Plus, Surface Seal SB, FireShield SB or FireShield MB at 1.0 to 1.25 gal/sq.
Finish Coat:	One or more applications of TOPCOAT MB Plus, Surface Seal SB or FireShield SB at 1.0 to 1.75 gal/sq.

6.1.2 Existing or New EPDM:

Substrate Preparation:	Substrate shall be clean and dry. Repair any torn, cracked or buckled areas with like materials. Pre-clean with TOPCOAT EPDM System Cleaner spray-applied at 500 ft ² / gallon and pressure wash with water to remove dirt, dust, chalk and other debris.
Base Coat (solvent base):	<u>For Fully Adhered EPDM only:</u> TOPCOAT Surface Seal SB or FireShield SB roller applied in two-coats; the first at 0.5 gal/sq and the second (after first coat dries) at 1.5 gal/sq. Or
Base Coat (water base):	TOPCOAT EPDM Coating or FireShield EPDM roller applied in two-coats, each at 1 gal/sq.
Finish Coat (solvent base):	<u>For Fully Adhered EPDM only:</u> One or more applications of TOPCOAT Surface Seal SB or FireShield SB at 1.5 gal/sq. Or
Finish Coat (water base):	One or more applications of TOPCOAT EPDM or FireShield EPDM Coating at 1.0 gal/sq.

6.1.3 Existing Hypalon:

Substrate Preparation:	Substrate shall be older than one year. Substrate shall be clean and dry. Repair any torn, cracked or buckled areas with like materials. Pre-clean by pressure wash with water and TSP to remove dirt, dust, chalk and other debris.
Base Coat:	TOPCOAT Surface Seal SB or FireShield SB at 1.0 gal/sq.
Finish Coat:	One or more applications of TOPCOAT Surface Seal SB or FireShield SB at 1.5 gal/sq.

6.1.4 Existing PVC:

Substrate Preparation:	Substrate shall be older than one year. Substrate shall be clean and dry. Repair any torn, cracked or buckled areas with like materials. Pre-clean by pressure wash with water and TSP to remove dirt, dust, chalk and other debris.
Base Coat:	TOPCOAT Elastomeric Membrane at 1.0 gal/sq.
Finish Coat:	One or more applications of TOPCOAT Elastomeric Membrane at 1.0 gal/sq.

6.1.5 Fire Barrier Application:

Substrate Preparation:	Substrate shall be clean and dry.
Fire Barrier:	FireOut Fire Barrier Coating at 1 gal/sq.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction in order to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Walpole, MA

9. QUALITY ASSURANCE ENTITY:

Underwriters Laboratories – QUA1743

- END OF EVALUATION REPORT -