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)

CertainTeed Corporation
1400 Union Meeting Road
P.O. Box 1100
Blue Bell PA 19422

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 the BCCO and accepted by the Building Code and Product Review Committee 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 and the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: CertainTeed Underlayment Systems

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 revises NOA # 08-0807.18 and consists of pages 1 through 6.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
WinterGuard HT	36" x 66.7' rolls Weight 45 lbs	ASTM D 1970	Modified fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield
WinterGuard Granular	36" x 65' rolls Weight 72 lbs	ASTM D 1970	Granular surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield
WinterGuard Sand	36" x 65' rolls Weight 72 lbs	ASTM D 1970	Embedded sand surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield
Black Diamond™ Base Sheet	39 3/8" x 68' 7"; Weight: 76 lbs.	ASTM D 1970	Granular surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield. **Not for use as an Anchor Sheet. Direct adhesion to wood deck not permitted in the HVHZ.**
Flintlastic GTA	39 $^{3}/_{8}$" x 32' 10", Weight: 105 lbs.	ASTM D 6222, Grade G, Type I	Granule surfaced APP Modified Bitumen membrane with non-woven polyester mat reinforcement for torch application.
All Weather/Empire Base Sheet	39 3/8" x 65' 10", Weight: 70 lbs.	ASTM D 4601 Type II	Asphalt coated fiberglass reinforced base sheet.
Flintlastic SA Cap FR	33'11" x 39-3/8"	TAS 103	Fiberglass reinforced, fire retardant SBS cap sheet.
Flintlastic GMS	39-3/8" x 33'11" Roll Weight: 97 lbs.	ASTM D 6164 Grade G, Type I	Granule surfaced, SBS Modified Bitumen membrane with non-woven polyester mat reinforcement for mop application.

MANUFACTURING LOCATION:

1 Little Rock, AR.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Momentum Technologies, Inc.	AX31G8D	ASTM D4601	09/05/08
	AX31G8G	ASTM D6222	06/05/09
	RX02J9A	ASTM D6164	12/22/09
Trinity | ERD	C8440.04.08	ASTM D4798, D1970	04/08/08
	C9560.05.08	ASTM D1970	05/27/08
	C12960.06.09	TAS 103	06/02/09
	3530.12.05-1-R1	AC 152 & ASTM D1623	10/05/09
	3523.03.05-R2	ASTM D1623	01/12/10
	C32240.03.10	TAS-104 / ASTM D 4977	03/04/10
	C3500.04.10	TAS-103	04/01/10

APPROVED ASSEMBLIES:

Deck Type 1: Wood, Non-insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank

System E(1): Anchor sheet mechanically fastened to deck, membrane adhered.

Anchor Sheet: One or more plies of ASTM D 226 Type II or ASTM D 2626 with a minimum 4" side lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and two staggered rows 12" o.c. the field of the roll.

Membrane: One or more plies of Flintlastic GTA torch applied to anchor sheet or WinterGuard HT, WinterGuard Granular, WinterGuard Sand or Black Diamond Base Sheet self-adhering membrane adhered to the anchor sheet with a minimum 3" side lap and 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the membrane is acceptable. If membrane is strapped, then anchor sheet must also be strapped.

Surfacing: Shall be acceptable for use in approved asphaltic shingles, wood shakes, & shingles, quarry slate, and metal roof applications. Must Comply with applicable Roofing Application Standards and Building Codes

Deck Type 1:	Wood, Non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System E(2):	Anchor sheet mechanically fastened to deck, membrane adhered.
Anchor sheet:	One ply of ASTM D 226 Type II organic felt or All Weather/Empire Base mechanically attached with a minimum 4" side lap and a minimum 6"end lap. Anchor sheet shall be applied at a right angle (90^0) to the slope of the deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the side lap, and two 12" o.c. staggered rows along the center of the base sheet.
Ply Sheet:	(Optional) One or more plies of an ASTM D226 ply sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
Membrane:	One ply of Flintlastic GMS adhered in a full mopping of Type IV asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or *Flintlastic GTA torch applied to the preceding sheet or Flintlastic SA Cap FR self-adhering membranes adhered to the preceding sheet with a minimum 4" side lap and 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the membrane is acceptable. If membrane is strapped, then anchor sheet and ply sheet must also be strapped. When used in Tile roof systems the cap sheet shall be back nailed to deck with approved annular ring shank nails and tin caps at a maximum 12" o.c. at the side laps and 6" o.c. at the end laps. No nails or tin caps shall be exposed.
Surfacing:	Flintlastic SA Cap FR and Flintlastic GMS may be used with any approved roof tile system mechanically fastened or foam adhered. *Flintlastic GTA may only be used with any approved mechanically fastened roof tile system. Must comply with appropriate Roofing Application Standard RAS 118, RAS 119, RAS 120 and applicable Building Codes.

LABELING:

All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

BUILDING PERMIT REQUIREMENTS:

Application for building permit shall be accompanied by copies of the following:

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 material.

LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. CertainTeed underlayment roofing systems utilizing Flintlastic GTA, WinterGuard HT, WinterGuard Granular, WinterGuard Sand or Black Diamond Base Sheet as a cap membrane shall be acceptable for use in asphaltic shingles, wood shakes, & shingles, quarry slate, and metal roof applications.
3. CertainTeed underlayment roofing systems utilizing Flintlastic SA Cap FR or Flintlastic GMS as a cap membrane shall be acceptable for use in foam adhesive set and mechanically fastened roof tile systems.
4. CertainTeed underlayment roofing systems utilizing Flintlastic GTA as a cap membrane shall be acceptable for use in mechanically fastened roof tile systems.
5. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code. CertainTeed underlayment roofing systems shall be installed in strict compliance with applicable Building Code.
6. CertainTeed underlayment roofing systems membranes shall be applied to a smooth, clean and dry surface with deck free of irregularities.
7. CertainTeed underlayment roofing systems membranes shall not be applied over an existing roof membrane as a recover system but may be applied over an approved roofing Base/Anchor sheet underlayment.
8. WinterGuard HT, WinterGuard Granular, WinterGuard Sand, Black Diamond Base Sheet, Flintlastic SA Cap FR, and Flintlastic GMS shall not be left exposed as a temporary roof for longer than 180 days of application.
9. Flintlastic GTA shall not be left exposed as a temporary roof for longer than 30 days of application.
10. CertainTeed underlayment products may be used with any approved roof covering Notice of Acceptance listing CertainTeed underlayment products as a component part of an assembly in the Notice of Acceptance. If CertainTeed underlayment products are not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
11. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels. Sweep the deck thoroughly to remove any dust and debris prior to application.

LIMITATIONS:

12. When applying the membrane in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in both directions.
13. Roll or broom the entire membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
14. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.
15. All systems using Flintlastic SA Cap FR, and Flintlastic GMS shall be limited to the maximum roof slopes outlined in the table below:

Maximum Roof Slope		
Tile	**Staged**	**Batten**
Flat	4:12	7:12
Lugged	4:12	7:12

Staged method shall consist of two tiles perpendicular to slope and four tiles on top parallel to slope (See Figure 1 below).

For batten method, tiles shall be stacked on slope, not to exceed 10-high (See figures 2 below).

Slope ↓

Front View
Figure 1: Staged Method,

Slope ↓

Front View
Figure 2: Batten Method

Side View
Figure 2: Batten Method

END OF THIS ACCEPTANCE