

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT Housing - Federal Housing Commissioner TO: DIRECTORS, SINGLE FAMILY HOCs DIRECTORS, MULTIFAMILY HUBs	Series and Series Number: MATERIALS RELEASE NO: 1225d (Supercedes issue dated February 4, 2003)
	ISSUE DATE May 11, 2007
	REVIEW DATE May 11, 2010

SUBJECT: 1. **Product** CertainTeed Flintlastic Membrane Roofing System

2. **Name and address of Manufacturer** CertainTeed Corporation
 1400 Union Meeting Road
 Blue Bell, PA 19422

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development (HUD) and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement or approval by HUD of the described product, and any statement or representation, however made, indicating such approval or endorsement by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Roofing suitable for both low and medium sloped roof decks.

DESCRIPTION:

Roofing systems shall consist of substrate preparation, application of insulation, when required, and attachment of the CertainTeed Flintlastic STA, STA Plus, GTA, GTA White Diamond, GTA-FR, GMS, Premium GMS, GTS, FR-P, Premium FR-P, FR Cap and SA Cap FR membranes. The membrane can be placed over any type of deck or insulation that complies with the HUD Minimum Property Standards which are compatible with the roofing system. These roofing systems shall be installed in accordance with CertainTeed Flintlastic system requirements by a CertainTeed Corporation approved roofing contractor.

The CertainTeed Flintlastic STA is a torch-applied atactic polypropylene polymer (APP), modified bitumen polyester reinforced single-ply roll roofing membrane, 4 mm thick, for use over various types of substrates for both new construction and re-roofing installations. Flintlastic STA Plus is heavier, 4.5 mm thick, version, with the same properties and uses.

The CertainTeed Flintlastic GTA and GTA White Diamond are torch-applied APP modified bitumen polyester reinforced, mineral granule surfaced, single-ply roll roofing membranes, 4.2 mm thick, for use over various substrates for both new construction and re-roofing installations.

The CertainTeed Flintlastic GTA-FR torch-applied APP modified bitumen polyester reinforced, mineral granule surfaced, single-ply roll roofing membrane, 4.2 mm thick, for use over various substrates for both new construction and re-roofing installations.

The CertainTeed Flintlastic GMS is a hot mop or cold adhesive applied styrene-butadiene-styrene (SBS) modified bitumen, polyester reinforced, mineral granule surfaced, single-ply roll roofing membrane, 4 mm thick, for use over various types of substrates for both new construction and re-roofing installations. Flintlastic Premium GMS is a heavy duty version of GMS, 4.3 mm thick.

The CertainTeed Flintlastic GTS is a torch-applied SBS modified bitumen polyester reinforced, mineral granule surfaced, single-ply roll roofing membrane, 4.5 mm thick, for use over various substrates for both new construction and re-roofing installations.

The CertainTeed Flintlastic FR-P is a hot mop or cold adhesive applied SBS modified bitumen polyester reinforced, mineral granule surfaced, single-ply roll roofing membrane, 4.2 mm thick, for use over various types of substrates for both new construction and re-roofing installations. Flintlastic Premium FR-P is a heavy duty version of FR-P, 4.2 mm thick.

The CertainTeed Flintlastic FR Cap is a hot mop or cold adhesive applied SBS modified bitumen fiberglass reinforced, mineral granule surfaced, single-ply roll roofing membrane, 3.5 mm thick, for use over various types of substrates for both new construction and re-roofing installations.

The CertainTeed Flintlastic SA Cap FR is a self adhered SBS modified bitumen polyester and fiberglass scrim reinforced, mineral granule surfaced, single-ply roll roofing membrane, 4 mm thick, for use over various types of substrates for both new construction and re-roofing installations.

MATERIALS:

All elements of the CertainTeed Flintlastic membrane roofing system shall be products of CertainTeed Corporation with its trademark. Materials used in conjunction with the system which are not products of CertainTeed Corporation shall be approved in writing by CertainTeed Corporation.

WIND AND FIRE CLASSIFICATIONS:

Mechanically fastened roofing systems shall be designed to resist wind uplift forces as determined in the Wind Design Guide for Mechanically Fastened Single-Ply Roofing Systems published by the Single Ply Roofing Institute (SPRI).

Ballasted roofing systems shall be designed in accordance with the Wind Design Guide for Ballasted Single-Ply Roofing Systems published by SPRI.

Fire Classification shall be in accordance with Underwriter's Laboratories, Inc., (UL) or Factory Mutual Engineering Corporation (FM) construction details. To qualify for fire rating and uplift resistance, the system shall be in the current UL or FM Listings.

INSTALLATION:

1. General

The CertainTeed Flintlastic roofing system shall be installed by roofing contractors approved or licensed by CertainTeed Corporation, and installation shall be in accordance with CertainTeed Corporation Specification and Application Manuals and details.

2. Substrate Preparation

Preparation of the substrate shall comply with the latest edition of CertainTeed Corporation Specification and Application Manuals. Design of the roof deck is the responsibility of the owner or project architect/engineer.

3. Insulation

Insulation or underlayment must be approved in writing by CertainTeed Corporation as to density and type. Insulation shall be installed in accordance with insulation manufacturer's recommendations and CertainTeed Corporation Specification and Application Manuals.

4. Membrane Installation

Membrane installation, including placing, bond lap splicing, perimeter attachment, flashing, construction closure, walkways and other work to provide watertight roofing systems shall comply with CertainTeed Corporation Specification and Application Manuals.

INSPECTION:

A designated representative of CertainTeed Corporation shall make inspections of the installation at the following intervals: (1) prior to delivery of materials - to accept or reject the roof deck or surface to which the roofing system is to be applied; (2) during the installation - to inspect and approve the technique and method of installation; and (3) upon completion - to give final approval to the installation.

WARRANTY:

A twelve-year warranty shall be given to the owner by CertainTeed Corporation to provide as follows:

CertainTeed Corporation hereby warrants to the owner of its roofing system, installed by an applicator approved by CertainTeed Corporation, that the system will remain in a watertight condition, and will retain at least 80 percent of its specified aged thermal resistance value on CertainTeed labeled materials, if applicable, for a period of twelve years from the date of installation. In the event of failure of the aforesaid system to function as warranted above, whether on account of normal processes of wear and aging, CertainTeed Corporation will make or cause to be made such repairs and maintenance necessary to enable the system to perform as warranted above.

CertainTeed Corporation's obligations to repair or maintain the system under this warranty shall not be in force or effect unless: (1) CertainTeed is notified of any failure of the system covered by the warranty within thirty (30) days following such failure; (2) the system is installed by an applicator approved by CertainTeed Corporation and all published conditions have been met; and (3) no alterations or repairs to the system are made without the prior written approval of CertainTeed Corporation as to the extent, methods and materials used.

CertainTeed Corporation assumes no liability for any failure of the system resulting from winds, which exceed the design wind, Acts of God, including without limitation, lightning or earthquake; nor for any failure of the system resulting from fire of any origin or cause, nor for any failure of the product caused by structural defects of the buildings on which the system is applied, nor from deliberate misuse of the product; nor for any failure of the system caused by leakage or any other cause from an adjacent structure.

IDENTIFICATION AND LABELING:

Certain Teed shall certify that the products covered under this MR conform to the requirements of the MR. Each product certified as conforming to this MR shall be marked with the following information:

1. The name or Trademark of Certain Teed
2. The product name
3. MR 1225
4. Manufacturing Plant
5. Date of Manufacture

PRODUCT CERTIFICATION:

UL monitors Certain Teed roofing products under their Follow Up Service program. UL also serves as the independent quality auditor for our ICC Evaluation Service ESR. FM audits the manufacturing locations as part of their Facilities and Procedures Audit program. Miami Dade audits these locations for their quality assurance program.

MANUFACTURING LOCATIONS:

The products covered under this MR will be produced at the following plants:

Chester Plant: 800 Front Street (W) & Lloyd Street
Chester, PA 19013
(610) 874-5222
Andy Meyerhofer, Plant Manager
Tim Kelly, Quality Manager

Little Rock Plant: 2701 E. Roosevelt Road
Little Rock, AR 72206
(501) 375-9173
Harold Zimmerman, Plant Manager
Jeff Kohlstedt, Quality Manager

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office Manufactured Housing Programs, FHA Standards, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.

4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to:

U. S. Department of Housing and Urban Development
Office of Manufactured Housing Programs, FHA Standards
451 7th Street, SW, Room 9168
Washington, DC 20410-8000

Appropriate user fee shall be sent to:

U. S. Department of Housing and Urban Development
Miscellaneous Income – Technical Suitability of Products Fees
Bank of America
P. O. Box 198762
Atlanta, GA 30384-8762

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of the MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

This Materials Release is issued solely for the captioned firm, and is not transferable to any person or successor entity.
