

<p style="text-align: center;">DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT Housing - Federal Housing Commissioner</p> <p>TO: DIRECTORS, SINGLE FAMILY HOCs DIRECTORS, MULTIFAMILY HUBs</p>	<p>Series and Series Number: MATERIALS RELEASE NO: 1088g (Supersedes issue dated April 4, 2011)</p>
	<p>ISSUE DATE May 16, 2018</p>
	<p>REVIEW DATE May 16, 2021</p>
<p>SUBJECT: 1. Product Siplast Roofing Systems</p> <p>2. Name and address of Manufacturer Siplast, Inc. 1111 Highway 67 South Arkadelphia, AR 71923</p>	

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 membrane products referenced within this Materials Release are intended for use in nominally flat to steep roof slopes. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code. Siplast underlayment roofing systems shall be installed in strict compliance with applicable Building Code.

MATERIALS, DESCRIPTION AND INSTALLATION:

Product Name	Description	Installation	ASTM - Standard	Approved Use	FM Fire Classification	UL Fire Classification
Parabase	Asphalt coated base Ply for Mechanical attachment or hot asphalt application	Apply by fastening through to deck or with full application of asphalt.	D 4601	Cover, Multiply (Base Ply)	A	A
Parabase FS	Asphalt coated base Ply for Mechanical attachment or hot asphalt application	Apply by fastening through to deck or with full application of asphalt.	D 4601	Cover, Multiply (Base Ply)	A	A
Parabase Plus	Fiberglass reinforced SBS coated base sheet	Apply by fastening through to deck or with full application of asphalt.	D 4601	Cover, Multiply (Base Ply)	A	A
Paradiene 20	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multiply (Base Ply)	A	A

Paradiene 20 SA	Fiberglass reinforced SBS coated base sheet with self – adhering bitumen blend layer on back side with release film	Apply by peeling back the release film on the underside of the sheet and apply with hand pressure to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene TG	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 HT	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 HT SA	Fiberglass reinforced SBS coated base sheet with self – adhering bitumen blend layer on back side with release film	Apply by peeling back the release film on the underside of the sheet and apply with hand pressure to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 HT TG	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A

Paradiene 20 EG	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 EG SA	Fiberglass reinforced SBS coated base sheet with self – adhering bitumen blend layer on back side with release film	Apply by peeling back the release film on the underside of the sheet and apply with hand pressure to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 EG TG	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 HV	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multiply (Base Ply)	A	A
Paradiene 20 HV TG	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multiply (Base Ply)	A	A

Paradiene 20 PR	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6164	Cover, Multi- ply (Base Ply)	A	A
Paradiene 20 PR TG	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6164	Cover, Multi- ply (Base Ply)	A	A
Paradiene 20 TS	Fiberglass reinforced SBS coated base sheet	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multi- ply (Base Ply)	A	A
Paradiene 20 TS SA	Fiberglass reinforced SBS coated base sheet with self – adhering bitumen blend layer on back side with release film	Apply by peeling back the release film on the underside of the sheet and apply with hand pressure to approved substrate	D 6163	Cover, Multi- ply (Base Ply)	A	A
Paradiene 30	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6163	Cover, Multi- Ply (Cap Ply)	A	A

Paradiene 30 TG	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply Base sheet by torching underside to approved substrate	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 30 FR	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 30 FR TG	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 30 HT	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 30 HT TG	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 30 HT FR	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6163	Cover, Multi-Ply (Cap Ply)	A	A

Paradiene 30 HT FR TG	Fiberglass reinforced SBS coated cap sheet surfaced with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Irex 40	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multi-ply (Base Ply)	A	A
Irex HT	Fiberglass reinforced SBS coated base sheet	Apply base sheet to approved substrate in a full application of hot asphalt or Siplast cold adhesive	D 6163	Cover, Multi-ply (Base Ply)	A	A
Veral Aluminum	Glass mat/Glass scrim SBS coated cap sheet with metal surfacing	Apply Cap sheet by torching underside to approved substrate	D 6298	Cover, Multi-Ply (Cap Ply)	A	A
Veral Stainless Steel	Glass mat/Glass scrim SBS coated cap sheet with metal surfacing	Apply Cap sheet by torching underside to approved substrate	D 6298	Cover, Multi-Ply (Cap Ply)	A	A
Veral Spectra	Glass mat/Glass scrim SBS coated cap sheet with metal surfacing	Apply Cap sheet by torching underside to approved substrate	D 6298	Cover, Multi-Ply (Cap Ply)	A	A

Parafor 50 LT	Polyester/Glass scrim reinforced SBS coated cap sheet surface with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6164	Cover, Multi-Ply (Cap Ply)	C	A
Parafor 50 TG	Polyester/Glass scrim reinforced SBS coated cap sheet surface with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6164	Cover, Multi-Ply (Cap Ply)	C	A
Paradiene 40 FR	Glass mat/Glass scrim reinforced SBS coated cap sheet surfaced with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Paradiene 40 FR TG	Glass mat/Glass scrim reinforced SBS coated cap sheet surfaced with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6163	Cover, Multi-Ply (Cap Ply)	A	A
Parafor 30	Polyester/Glass scrim reinforced SBS coated cap sheet surface with ceramic granules	Apply cap sheet to approved substrate in a full application of Siplast cold adhesive	D 6164	Cover, Multi-Ply (Cap Ply)	C	A
Parafor 30 TG	Polyester/Glass scrim reinforced SBS coated cap sheet surface with ceramic granules	Apply Cap sheet by torching underside to approved substrate	D 6164	Cover, Multi-Ply (Cap Ply)	C	A

WIND AND FIRE CLASSIFICATION:

Each roofing system shall resist design wind forces as required by the HUD Field Office, Homeownership Center or the local jurisdiction in which the products will be used but not less than those specified in the ASCE 7-88. Fire classification shall be in accordance with Underwriters Laboratories, Inc. (ULI) or Factory Mutual Engineering Corporation (FM) certifications. Testing shall be performed by an independent laboratory with follow-up service and listing capability. To qualify for fire rating and uplift resistance, the system shall be in the current ULI or FM Listings.

INSTALLATION REQUIREMENTS:

General

The approved products in this bulletin shall be installed by registered roofing contractors. The installation procedures shall be in compliance with the latest edition of the Siplast specification manual.

Substrate design and preparation

The roof surface, which is to receive the approved products listed in this bulletin, shall be smooth, clean, free from loose gravel, dirt and debris, and must be dry and structurally sound. Wherever necessary, all surfaces to receive roofing materials shall be power swept and vacuumed to remove debris and loose matter.

CERTIFICATION AND PRODUCT LABELING:

Siplast shall certify that each of the products listed in this report conforms to the requirements of this MR. Both Underwriters Laboratory and Factory Mutual shall validate the manufacturer's certification that the products listed in this report meet the requirements of this MR. Each certified product or its packaging, as identified in this report shall be marked with the following information:

1. Siplast The Product Name
2. Underwriters Laboratory
3. Factory Mutual labels
4. Production code traceable to day and shift of manufacture.
5. This MR number

INSPECTION:

A designated representative of Siplast shall make inspections of the installation at the following intervals:

1. During installation, to monitor the installation techniques and methods; and,
2. Upon completion, to qualify the installation for a Siplast warranty.

Production Facilities:

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

Siplast
1111 Hwy 67 South
Arkadelphia, AR 71923
Contact: Todd Corley
800-840-1592, ext. 1505

WARRANTY:

A ten-year warranty shall be given to the owner by Siplast, Inc. and shall read as follows:

Siplast, Inc. hereby warrants to the owner of its roofing system as described herein (system), which system has been installed by an applicator approved by Siplast, that the system will remain in a watertight condition for a period of ten years from the date of installation, and in the event of failure of the aforesaid system to function as warranted above, whether on account of defective materials, faulty installation, or on account of normal processes of wear and aging, Siplast will make or cause to be made such repairs and maintenance necessary to enable the system to perform as warranted above.

Conditions of Warranty

Siplast's obligations to repair or maintain the system under this warranty shall not be in force or effect unless: (1) Siplast is promptly 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 Siplast; and (3) no alterations or repairs to the system are made without prior written approval of Siplast as to the extent, methods, and materials used.

Liabilities Excluded From Coverage of This Warranty

1. Siplast assumes no liability for damage to the building on which the system is situated, nor for damage to the contents thereof, nor to any other property or persons, nor for any incidental or consequential damages.
2. Siplast assumes no liability for any failure of the system resulting from Acts of God, including lightning, earthquake; nor for any failure of the system is situated; nor from deliberate misuse of the system; nor for any failure of the system caused by leakage or any other cause from an adjacent structure.

No Other Expressed Warranty

No other warranty, expressed or implied, is hereby given, and no affirmation by Siplast, Inc. by words or otherwise shall constitute any such warranty. The terms and conditions hereof contain the entire agreement between the parties hereto, and may not be altered in any manner whatever, unless by writing.

The manufacturer's warranty does not in any way relieve the builder of responsibility under the terms of the Builder's Warranty required by the National Housing Act or under any provisions applicable to any other housing program. A copy of the manufacturer's warranty shall be furnished by the builder to the owner upon completion of the property.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this MR commits the manufacturer to fulfill, at 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 of Manufactured Housing Programs, HUD Headquarters, with a representative list of properties, in which the material, product, or system has been used, including complete addresses or descriptions of location 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
451 7th Street, SW, Room 9170
Washington, DC 20410-8000

Appropriate User Fee(s) for the TSP program can be submitted through the Pay.gov website at <https://pay.gov/public/form/start/73881741>

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.
