

<p style="text-align: center;"><b>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT</b>  <b>Housing - Federal Housing Commissioner</b></p> <p><b>TO: DIRECTORS, SINGLE FAMILY HOCs</b>  <b>DIRECTORS, MULTIFAMILY HUBs</b></p>	<p><b>Series and Series Number:</b>  <b>MATERIALS RELEASE NO: 1327c</b>  (Supersedes issue dated  March 26, 2018)</p>
	<p><b>ISSUE DATE</b></p> <p>March 10, 2021</p>
	<p><b>REVIEW DATE</b></p> <p>March 10, 2024</p>
<p><b>SUBJECT:</b></p> <ol style="list-style-type: none"> <li>1. <b>Product</b> Tufted broadloom carpet constructed with Polyethylene Terephthalate (PET) fiber and/or Tufted broadloom carpet constructed with continuous filament nylon fiber with a minimum of 3 dpf.</li> <li>2. <b>Name and of Manufacturer</b> Phenix Flooring  a division of Mannington Mills, Inc.  1001 Enterprise Drive  Dalton, GA 30721</li> </ol>	

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: Indoor, moderate traffic areas in single and multi-family housing.

DESCRIPTION:

This carpet is a tufted broadloom constructed with Polyethylene Terephthalate (PET) fiber and/or continuous filament nylon (minimum 3 dpf).

REQUIREMENTS:

This carpet may be used for moderate traffic in single and multi-family dwelling units. The minimum pile yarn weight and density shall be as shown in Table 1. The minimum yarn twist shall be 4.25 TPI for cut pile constructions; and 2.9 for level loop and multilevel constructions.

The carpet shall have a minimum rating of 2.5 when tested in accordance with the Carpet and Rug Institute (CRI) Test Method “Creating Surface Appearance Changes in Carpet by Foot Traffic” or ASTM D 5252 and evaluated by CRI Standard 101 “Assessment of Surface Appearance Change using the CRI Reference Scale.” Carpeting shall be installed in accordance with the manufacturer’s instructions.

Table 1  
Minimum Carpet Requirements and Test Methods

Characteristics	Value, Minimum	Test Method
Pile Weight (oz/yd <sup>2</sup> )	See Table 2	ASTM D 5848*
Density (oz/yd <sup>3</sup> )	See Table 2	ASTM D 5848*
Tuft Bind (lbf)	6.2 for loop pile 3.0 for cut pile	ASTM D 1335*
Dry Breaking Strength (Finished Carpet)	100 lb	ASTM D 2646*
Delamination Strength of secondary backing (lbf/in.)	2.5 lb/in.	ASTM D 3936*
Colorfastness to light (Xenon arc)(Gray Scale Rating)	4 @ 40 AFU	AATCC 16E**
Crocking (Color Transference Chart)	4	AATCC 165**

\* Copies are available from American Society for Testing Materials (ASTM)  
100 Barr Harbor Drive, P. O. Box C700, West Conshohocken, PA 19428-2959

\*\* Copies are available from American Association of Textile Chemist & Colorists (AATCC)  
P.O. Box 12215, Research Triangle Park, NC 27709

Table 2  
Minimum Weight and Density Requirements for Type 1 – Single and Multi-Family Housing

Class	Texture	Polyester (P.E.T.) Cont. Filament	
		BCF and/or nylon filament BCF	
		Weight	Density
Class 1 Moderate Traffic	Level of textured loop	20	3300
	Multilevel	24	3300
	Plush	24	2600
	Twist	24	2950
	Level Cut and Loop	n/a	n/a
	Cut pile, heat set, plied	24	625
	Cut pile, heat set, singles	n/a	n/a
Class 2 Heavy Traffic	Level of textured loop	26	4000
	Multilevel	30	3500
	Plush	32	3350
	Twist	32	3350
	Level Cut and Loop	n/a	n/a
	Cut pile, heat set, plied	28	1440
	Cut pile, heat set, singles	n/a	n/a

## CERTIFICATION

This certification program shall be in accordance with UM 44d, HUD Building Product Standards and certification Program for Carpet, except as modified by the provision of this Materials Release (MR) and will be administered by MEA Certification, Inc. which is qualified under the Administrator Qualifications and Procedures for HUD Building Product Certification Programs, 24 CFR 200.935.

1. MEA Certification, Inc. shall issue to the carpet manufacturer a label, stamp, or mark containing the Administrator's validation mark, manufacturer's statement of conformance to this MR, Phenix Flooring, a division of Mannington Mills, Inc., and the manufacturer's name or code identifying the manufacturing plant location.
2. The certification label, stamp, or mark shall be applied to each carpet at least every six (6) feet, and not less than one (1) foot from the edge of the carpet.
3. Every six (6) months, three (3) production samples and one (1) annual field sample of carpet shall be submitted to the Administrator for testing in a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) of the U.S. Department of Commerce.
4. The Administrator shall also review the manufacturer's quality assurance procedures every six (6) months to assure that they are being followed by the manufacturer.

## MANUFACTURING PLANT:

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

Phenix Flooring  
1001 Enterprise Drive  
Dalton, GA 30721

Mannington Commercial  
1844 US Hwy 41 SE  
Dalton, GA 30701

The contact person for all matters concerning this Materials Release or issues regarding FHA certification at Phenix Flooring, a division of Mannington Mills, Inc., shall be:

Wesley Bullock  
PH: 706-277-0174, ext. 3053  
Email: [wes.bullock@phenixflooring.com](mailto:wes.bullock@phenixflooring.com)

WARRANTY:

Phenix Flooring, a division of Mannington Mills, Inc., guarantees this carpet against defects and materials, poor performance or poor workmanship under normal use for five (5) years from the date of installation. Should any of these occur, Phenix Flooring, a division of Mannington Mills, Inc., will make a pro-rata allowance for the cost of replacements. For the purpose of this warranty, poor performance shall be defined as an unwalked sample having a rating below 2.5 when tested by CRI Test Method 100 or ASTM-D5252 and evaluated by CRI Standard 101.

The carpet 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 Phenix Flooring, a division of Mannington Mills, Inc.'s warranty shall be furnished by the builder to the owner upon completion of the property.

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 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 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  
451 7<sup>th</sup> 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.

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

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