

<p 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: 1313b Supersedes issue dated July 12, 2007)</p>
	<p>ISSUE DATE June 3, 2009</p>
	<p>REVIEW DATE June 3, 2012</p>
<p>SUBJECT:</p> <p>1. Product Cut Pile, Heat Set, Plied Broadloom Carpet Made From Nylon (BCF) – Style 27219</p> <p>2. Name and address of Manufacturer Mohawk Industries, Inc. Route 1, Box 32 Lyerly, GA 30730</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: Moderate and heavy traffic in Single and Multi Family Dwellings.

DESCRIPTION:

This carpet is made of tufted nylon filament with Styrene Butadiene Co-Polymer latex, and polypropylene primary and secondary backing.

REQUIREMENTS:

Table 1
Minimum Carpet Requirements and Test Methods

Characteristics	Value, Minimum	Test Method
Denier Per Filament	9.2 dpf	-
Twist Count	6.7 Twist per inch	-
Tuft High	0.6 inch	-
Pile Weight (oz/yd ²)	Table 2	ASTM D 5848*
Density (oz/yd ³)	Table 2	ASTM D 5848*
Tuft Bind (lbf)	3.0	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**
Assessment of Surface Appearance Change using the CRI Reference Scale	3.0	CRI test method 101

* Copies are available from the 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

Texture		Carpet Material	
		Nylon (BCF)	
		Weight	Density
F	Cut pile, heat set, plied	26.2 ozs./yd ²	1,572

PRODUCT CERTIFICATION:

1. MEA Certifications must issue to the carpet manufacturer a label, stamp, or mark containing the Administrator's validation mark, manufacturer's statement of conformance to this MR, Mohawk Industries, Inc., or the manufacturer's name or code identifying the manufacturer's 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) from the edge of the carpet.
3. MEA Certifications must collect from each production facility every six (6) months, three (3) production samples. MEA Certifications must collect one (1) annual sample from the market (i.e. distributor or dealer) not from the production facility. All samples shall be submitted by MEA Certifications to a third party for testing in a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) of the U. S. Department of Commerce. The testing must include all minimum carpet requirements in Table 1 and the minimum weight and density requirements in Table 2 of this MR.
4. MEA Certifications every six (6) months shall visit each of the production facilities listed below. MEA Certifications shall, as a minimum, review each of the production facility's Quality Control Manual (QCM), Quality Assurance procedures, in line testing, record keeping, and corrective actions. Records of such visits shall be made available in each production facility and in MEA Certifications' headquarters location.

PRODUCTION FACILITY LOCATION:

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

Mohawk Industries, Inc.
Industrial Park Plant
2100 South Hamilton
Dalton, GA 30722

The contact person for all matters concerning this Materials Release or issues regarding FHA certification at Mohawk Industries, Inc. shall be:

Robert Marshall
Senior Manager Corporate Testing
Mohawk Industries, Inc.
5081 Highway 114
Lyerly, GA 30730
PH: 800-241-4491 ext. 46331
Fax: 706-895-2346
Email: Robert_marshall@mohawkind.com

MANUFACTURER'S RESPONSIBILITIES:

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

1. Produce the products in strict accordance with the terms of this MR.
2. Label the carpet at least every six (6) feet and not less than one (1) foot from the edge of the carpet. Label should include the MEA identification number.
3. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
4. When requested, provide the FHA Standards, 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.
5. Inform HUD, in advance, of changes in production facilities, methods, design, or materials used for this product, company name, ownership, or mailing address, within 30-days from the date the changes are made.
6. If in the interval between MEA Certifications' quality assurance audits, changes are made to the product, HUD and MEA Certifications shall be informed within 30 days of formal implementations of these significant changes.
7. Records of MEA Certifications' audit visits report shall be made available in each production facility.

WARRANTY:

Mohawk Industries, Inc. warrants carpeting produced in accordance to this MR against manufacturing defects for a period of 5 years, and stain resistance for 5 to 7 years, depending on the specific carpet from the date of installation.

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

Mohawk warrants that the surface pile will not be worn by abrasion more than 10% in five years when used in an indoor residential installation. If within the warranty period, the pile weight of the carpet, when compared to untrafficked area loses more than 10% of its weight, Mohawk will provide a replacement carpet of comparable value for the affected area only (the worn and adjacent areas extending to the nearest wall, doorway or entrance).

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 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
FHA Standards, Office of Manufactured Housing Programs
451 Seventh 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 this 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 the 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, ownership, name, address, or production facilities, 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.
