

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Housing - Federal Housing Commissioner

Series and Series Number:
MATERIALS RELEASE NO: 1315

TO: DIRECTORS, SINGLE FAMILY HOCs
DIRECTORS, MULTIFAMILY HUBs

ISSUE DATE

January 7, 2004

REVIEW DATE

January 7, 2007

SUBJECT: 1. Product 7mm Armstrong Laminate Flooring System

2. Name and address
of Manufacturer Armstrong World Industries, Inc.
P. O. Box 3001
Lancaster, PA 17604

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:

7mm Armstrong laminate flooring system is designed for residential, indoor use.

DESCRIPTION:

7mm Armstrong Laminate Flooring System is an engineered composite construction flooring system suitable for use on all grade levels. The system consists of four layers:

1. A clear, protective laminate wear layer.
2. An image layer that typically provides, but is not limited to, authentic wood looks.
3. A moisture resistant high-density fiberboard core.
4. A heat-fused bottom or balancing layer, that provides strength and additional protection from bottom-up moisture.

Planks are interlocked by a unique, tight-fitting tongue and groove profile called ArmaLock. A closed-cell polyethylene sheeting is typically used as an underlayment for the interlocked planks. Accessory pieces such as stair nosing, thresholds, and transition pieces may also be used with the 7mm laminate flooring system.

REQUIREMENTS:

High-Performance Wear Layer

- Wear layer containing hard mineral particles
- Décor layer containing printed design
- Reinforcing papers providing added durability

High-Density Fiberboard Core

- Resists moisture
- Resists indentation
- Provides stability

Balancing Layer

- Prevents moisture penetration
- Provides structural balance (product flatness)

7mm Laminate Flooring System shall be manufactured to obtain system characteristics in compliance with Table 1.

Table 1

System Characteristics	Value	Test Method*
Flammability: Flooring Radiant Panel	0.45 watts/cm ² or greater	ASTM E 648
Light Resistance	No fading or color change	AATCC 16-1998 (Test Option E)
Slip Resistance	COF = 0.500 or greater	ASTM D 2047
Top Wear Resistance	Compliance with surface properties	ASTM F 510
Boiling Water Resistance	No effect on surface	ASTM D 2571
Static Load, Thickness, Light Resistance, Cleanability, Impact Resistance	Pass	NALFA-LF-01

*More recent editions of these standards are acceptable for use provided the characteristic is fully evaluated in accordance with procedures that are no less stringent than those outlined in these standards.

INSTALLATION AND LIMITATIONS:

7mm Laminate Flooring System shall be installed in strict accordance with Armstrong World Industries, Inc.'s *Laminate Flooring Installation Instructions*.

7mm Laminate Flooring should not be used in areas where excessive subfloor moisture and/or surface water is present, in public kitchens, commercial areas, exterior areas or where pointed spikes such as golf or track shoes will be used.

7mm Laminate Flooring can be installed over all types of subfloors with radiant heating systems. Follow instructions supplied by the manufacturer of the floor heating system, and do not exceed 85°F (29°C) during normal operation of heating system.

WARRANTY:

Armstrong World Industries, Inc., warrants the 7mm Laminate Flooring System against faulty performance resulting from faulty materials or workmanship in the manufacturing process for a period of 10 years from the date of installation. Should any defect occur, Armstrong World Industries, Inc., shall make a prorata allowance for replacement.

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 installation.

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 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.
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
FHA Standards, Office of Manufactured Housing Programs
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
Technical Suitability of Products Fees
P. O. Box 954199
St. Louis, MO 63195-4199

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 cancelled 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 materials, 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 cancelled. 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.
