

<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: 930h (Supersedes issue dated May 2, 2008)</p>
	<p>ISSUE DATE</p> <p align="center">September 23, 2015</p>
	<p>REVIEW DATE</p> <p align="center">September 23, 2018</p>
<p>SUBJECT: 1. Product Homasote® 440 SoundBarrier Fiberboard Panels</p> <p>2. Name and address of Manufacturer Homasote Company P. O. Box 7240 West Trenton, NJ 08628-0240</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: Underlayment for use carpet, wood, ceramic/porcelain tile, and resilient flooring. Also used for interior wall sheathing and ceiling panels.

DESCRIPTION:

Homasote® 440 SoundBarrier is a 98% recycled wood fiber (cellulose), weather resistant, medium density board derived from the repulping of paper fiber (cellulose) that has been treated to resist moisture, termites, rot, and fungi.

Homasote® 440 SoundBarrier has a density of approximately 25-29 lbs./cu ft. Panels are manufactured in 1/2", 5/8", and 3/4" thicknesses. Panels contain no asbestos and no ureaformaldehyde additives.

Homasote® 440 SoundBarrier arrives at the construction site with application instructions enclosed. Installation instructions can also be found at <http://www.homasote.com/Installation/>

SPECIFICATIONS:

Density in pounds per cubic foot	25-29
Thermal Conductivity (k), BTU per hr., per square foot, per °F, per inch of thickness (ASTM C177)	0.43
Moisture Content	5% - 8%
Hardness, pounds (Janka Ball Test ASTM D1037)	230
Modulus of Elasticity, pounds per square inch (ASTM D1037)	97,690
Modulus of Rupture, pounds per square inch (ASTM D1037)	881
Allowable width Tolerance	$\pm 1/16''$
Allowable length Tolerance	$\pm 1/8''$ (in an 8' length)
Allowable thickness tolerance	$\pm 1/32''$

INSTALLATION:

A. General

1. All installations shall be in strict accordance with the manufacturer's current application recommendations, if not in conflict with HUD Minimum Property Standards (MPS).
2. Panels shall be stored on a dry platform, a minimum 6" above grade, and under shelter.
3. Panels shall be separated and acclimated in a conditioned environment for 24 hours prior to use.
4. Any changes in design, composition or application of these products shall void their suitability for the intended use outlined herein.

B. Lay-out and Fastening

1. When applying to wood subfloors make certain that subfloor is nailed securely and that surface is clean and free from protruding nails, miscellaneous debris and gypsum dust.
2. Long dimensions of underlayment shall be at right angles to subfloor. Stagger joints, making sure that no joint coincides with joint in subfloor or adjacent panels.

3. Leave 3/8" space between panel edges and baseboard or other structural members around the perimeter of the room. Fit remaining panels allowing 3/16" between abutting panels.
4. Start fastening in center of panel and work toward edges.
5. Fasteners shall be 1" ring shank nails or 1" screws. Fastening pattern shall be in strict accordance with Homasote Company's Installation Instructions for Flooring Applications.
6. Adhesive shall be APA subfloor adhesive meeting APA AFG-01 specifications standards. Adhesive pattern shall be in strict accordance with Homasote Company's Installation Instructions for Flooring Applications.
7. Finish floor surfaces must be installed in strict accordance with flooring manufacturer's installation instructions.

CERTIFICATION AND LABELING:

Homasote[®] certifies that Homasote[®] 440 SoundBarrier shall be produced in conformance to this MR and in compliance with the quality control program at Homasote[®] in accordance with the Code of Federal Regulations, 24 C.F.R. 200.935. Homasote[®] quality control personnel shall inspect the manufacturer's facility to assure that quality control procedures are being followed.

Facility audits are conducted annually as per International Code Council specifications.

Each 440 SoundBarrier wrapped unit certified as conforming to this MR shall be labeled with the following information:

1. Manufacturer's name and logo
2. Product name as defined in DESCRIPTION section
3. Manufacturing plant or identification
4. MR 930h
5. Date of manufacture

MANUFACTURING LOCATIONS:

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

Homasote Company
932 Lower Ferry Road
P. O. Box 7240
West Trenton, NJ 08628
Steve Gleason, Sales Engineer
609-883-3300 ext. 1332

WARRANTY:

Homasote Company warrants Homasote® 440 SoundBarrier to be free of any defects due to faulty materials and workmanship in the manufacturing process for a period of one (1) year from the date of installation.

The liability of Homasote Company on this warranty shall be limited to replacement of any defective panels and the cost of installation or at the option of Homasote Company, payment in lieu thereof.

The manufacturer's warranty does not relieve the builder, in any way, 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.

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 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 this MR. HUD will notify the manufacturer or producer 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.
