

<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: 1318b (Supersedes issue dated September 20, 2007)</p>
	<p>ISSUE DATE August 13, 2015</p>
	<p>REVIEW DATE August 13, 2018</p>
<p>SUBJECT: 1. Product SmartSide® Siding</p> <p>2. Name and address of Manufacturer Louisiana-Pacific Corporation 414 Union Street, Suite 2000 Nashville, TN 37219-1711</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:

LP SmartSide® Precision Series Engineered Wood Siding is designed for use as an exterior wall cladding

DESCRIPTION:

GENERAL:

Louisiana-Pacific Corporation (LP®) SmartSide Precision Treated-Engineered –Wood Lap and panel siding is overlaid with a resin treated paper and is available with either a smooth or embossed surface texture. The siding is available as laps or panels. The siding is treated with Zinc Borate for decay and insect resistance. All edges are factory sealed with a primer.

The strands of the engineered wood siding are oriented to maximize the product's structural properties. An exterior, type-1 adhesive resin is used to bond the strands using heat and pressure. LP's engineered wood siding meets all of the specifications established by the APA-The Engineered Wood Association (APA) Product Report N-124.

LP SmartSide Precision Series Lap Siding:

SmartSide Precision Lap Siding is available in widths of 6, 8 and 12 inches; thicknesses of 3/8 and 7/16 inches; and lengths of 16 feet.

Lap siding may be attached directly to framing members spaced a maximum of 16 inches on center for 3/8 inch thickness and 24 inches on center for 7/16 inch thickness.

All installations of SmartSide Precision Series Lap siding shall be over an approved water-resistant barrier.

SmartSide Precision Series Lap Siding joint shall be staggered over successive courses. Lap siding joints shall occur at stud locations.

SmartSide Precision Series Lap Siding shall be attached with top (blind) nailing. Nails shall be placed at the top of the lap siding panel, 3/4 inch down from the upper edge. Each successive course of lap siding shall overlap a minimum of 1 inch.

Self-aligning SmartSide Precision Series Lap shall be attached with top (blind) nailing. Nails shall be placed at the top of the lap siding panel, 1/2 inch down from the upper edge. Each successive course of lap siding shall rest on the back rabbet resulting in an overlap a minimum of 1 inch.

Fasteners attaching lap siding directly to framing shall be minimum 8d hot-dipped galvanized box nails or equivalent. Nails shall penetrate the wood structural panel sheathing and/or solid wood framing a minimum of 1-1/2 inches.

Fasteners attaching SmartSide Precision Series Lap Siding to sheathing only shall be spaced at 12 inches on center maximum along the top edge of the siding. Nails used to attach lap siding to sheathing shall be minimum .091 inches shank diameter, ring shank, .221 inch diameter head and hot-dipped galvanized. They must penetrate the sheathing by at least 1/4 inch. The sheathing must be wood structural panels a minimum 7/16 Category with a grade trademark that contains the consensus standard DOC PS 1 or PS 2.

LP SmartSide Precision Series Panel Siding:

SmartSide Precision Series Panel Sidings are available in several sizes; panel width of 4 feet and lengths of 4 feet to 18 feet. SmartSide Precision Series Panel Siding is available in 3/8, 7/16 and 19/32 inch thicknesses.

SmartSide Precision Panel Siding may be installed directly to framing members or over wood structural panel panels a minimum 7/16 Category with a grade trademark that contains the consensus standard DOC PS 1 or PS 2.

When SmartSide Precision Panel Siding is applied directly to the framing; the maximum spacing of the framing shall be consistent with the span rating on the grade trademark on the back of the SmartSide Precision Panel Siding.

SmartSide Precision Panel Siding shall be installed with its long dimension oriented vertically. The 3/8 and 7/16 inch thick panel siding shall be fastened to framing member with minimum 6d hot-dipped galvanized box nails. The 19/32 inch thick panel siding shall be fastened to framing members with minimum 8d hot-dipped galvanized box nails. Nails shall penetrate sheathing and/or framing a minimum of 1-1/2 inches.

All SmartSide Precision Panel Siding joints shall occur over framing members and shall be protected with a continuous wood batt, approved caulking, flashing, vertical or horizontal shiplap or otherwise made waterproof.

All installations of SmartSide Precision Series Panel siding shall be over an approved water-resistant barrier.

When SmartSide Precision Series Panel Siding is installed over approved low-compression rigid foam or exterior gypsum up to 1 inch in thickness, the siding shall be fastened with hot-dipped galvanized box nails of sufficient size to provide 1-1/2 inches of penetration into wood structural panel sheathing and/or solid wood framing.

INSTALLATION AND LIMITATIONS:

Louisiana-Pacific Corporation's SmartSide Precision Series Lap and Panel siding shall be installed in accordance with the requirements of this report and in accordance with HUD Minimum Properly Standards (MPS). Additionally, SmartSide Precision Series Lap and Panel siding shall be installed in accordance with the current Louisiana -Pacific Corporation's Application Instructions for Precision Series 38 and 76 Series Primed Lap Siding and Application Instructions for Precision 38, 76 and 190 Series Primed Panel Siding.

CERTIFICATION AND IDENTIFICATION:

Louisiana-Pacific Corporation shall certify that each SmartSide Precision Series Lap siding and SmartSide Precision Series Panel siding conforms to the requirements of this Materials Release (MR).

The Quality Inspection Agency shall validate the manufacture's certification that the SmartSide Precision Series Lap siding and SmartSide Precision Series Panel siding meets the requirements of this Materials Release (MR).

Each piece of SmartSide Precision Series Lap siding and SmartSide Precision Series Panel siding shall be marked with the following information:

1. Manufacturer's name and/or trademark
2. Plant number
3. Product designation
4. Grade
5. Evaluation report number (HUD MR 1318b)
6. Quality control agency name and/or trademark

SAMPLE STAMP:

THICKNESS 0.375 IN.

APA

Grade

**RATED SIDING –
SHEATHING**

Span Rating

16oc

Exposure Durability
Classification

**SIZED FOR SPACING
EXTERIOR**

000

Mill Number

Code Report

ICC-ESR-1301 HUD-MR-1318

HUD Material Release

Canadian Listing

CCMC-11826L PR-N124

Code Report

Thickness/Category

7/16 CATEGORY

QUALITY CONTROL:

The quality control manual for SmartSide Precision Series Lap and Panel siding are on file with the HUD office and test data shall be available for inspection upon request by HUD.

Louisiana-Pacific Corporation produces SmartSide Precision Series Lap and Panel siding at the following plants:

Louisiana Pacific Corporation
711 25th Avenue
Two Harbors, MN 55616
Phone: (218) 834-5652

Louisiana Pacific Corporation
Business Highway 51 South
Tomahawk, WI 54487
Phone: (715) 224-2700

Louisiana Pacific Corporation
461 Miller Road
Newberry, MI 49868
Phone: (906) 293-3265

Louisiana Pacific Corporation
16751 US Highway 63
Haywood, WI 54543-7129
Phone: (715) 634-8946

Louisiana Pacific Corporation
P. O. Box 189 (Hwy 10)
Minitonas, Manitoba Canada R0L1G0
Phone: (204) 525-2479

WARRANTY:

Warranty is limited to SmartSide Precision Series Lap Siding, Panel siding, installed on structures permanently located in the United and Canada.

For information concerning warranty for SmartSide siding products, contact:

Louisiana-Pacific Corporation
P. O. Box 98
Roaring River, NC 28669
(800-450-6106)
<http://lpcorp.com/>

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 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 Program 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 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.
