

<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: 1318c (Supersedes issue dated August 13, 2015)</p>
	<p>ISSUE DATE November 16, 2018</p>
	<p>REVIEW DATE November 16, 2021</p>
<p>SUBJECT: 1. Product LP®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® Strand Substrate Engineered Wood Siding is designed for use as an exterior wall cladding

DESCRIPTION:

GENERAL:

Louisiana-Pacific Corporation (LP®) SmartSide® Strand Substrate Treated-Engineered – Wood Lap, Panel, and Vertical Siding is overlaid with a resin treated paper and is available with either a smooth or embossed surface texture. The siding is available as lap or panel. The siding is treated with Zinc Borate for fungal decay and termite resistance. All edges and ends are factory sealed with a primer.

The strands of the engineered wood siding are oriented to maximize the product's structural properties. An exterior, BONDING AGENT 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® Strand Substrate Lap Siding:

LP®SmartSide® Strand Substrate Lap Siding is available in widths of 5, 6, 7, 8, 9-1/2, and 12 inches; thicknesses of 3/8 and 7/16 Performance Categories; and lengths up to 16 feet.

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

Fasteners shall penetrate structural framing or wood structural panels and structural framing a minimum of 1-1/2 inches.

Installations of LP®SmartSide® Strand Substrate Lap Siding shall be over an approved water-resistive barrier.

LP®SmartSide® Strand Substrate Lap Siding joint shall be staggered over successive courses. Lap siding joints shall occur at stud locations.

LP®SmartSide® Strand Substrate 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.

LP®SmartSide® SmartLock™ Strand Substrate 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 rest on the back rabbet resulting in an overlap a minimum of 1 inch.

Fasteners attaching lap siding directly to framing shall be minimum 0.113 inch shank diameter hot-dipped galvanized nails. Nails shall penetrate the wood structural panel sheathing and/or solid wood framing a minimum of 1-1/2 inches. Do not use electroplated fasteners.

Fasteners attaching LP®SmartSide® Strand Substrate Lap Siding to sheathing only shall be spaced at 8 inches on center maximum along the top edge of the siding. Nails used to attach lap siding to sheathing shall be minimum 0.092 inches shank diameter, ring shank, and hot-dipped galvanized. Do not use electroplated fasteners. They must fully penetrate nailable sheathing by at least 1/4 inch. The sheathing must be wood structural panel a minimum 7/16 Category with an APA trademark that contains the consensus standard DOC PS 1 or PS 2.

LP®SmartSide® Strand Substrate Panel Siding:

LP®SmartSide® Strand Substrate Panel Sidings are available in several sizes; panel width of 4 feet, and lengths of 4 feet to 18 feet. LP®SmartSide® Strand Substrate Panel Siding is available in 3/8, 7/16 and 19/32 Performance Categories.

LP®SmartSide® Strand Substrate Panel Siding may be installed directly to framing members or over wood structural panel panels a minimum 7/16 Performance Category with an APA trademark that contains the consensus standard DOC PS 1 or PS 2.

When LP®SmartSide® Strand Substrate Panel Siding is applied directly to the framing; the maximum spacing of the framing shall be consistent with the span rating on the APA trademark on the back of the LP®SmartSide® Strand Substrate Panel Siding.

LP®SmartSide® Strand Substrate Panel Siding shall be installed with its long dimension oriented vertically. The 3/8 and 7/16 Performance Category panel siding shall be fastened to structural framing with minimum 0.113 shank diameter hot-dipped galvanized nails. The 19/32 inch thick panel siding shall be fastened to framing members with minimum 0.131 shank diameter hot-dipped galvanized nails. Fasteners shall penetrate structural framing or wood structural panels and structural framing a minimum of 1-1/2 inches. Do not use electroplated fasteners.

LP®SmartSide® Strand Substrate Panel Siding joints shall occur over studs and shall be protected with a continuous wood batt, approved caulking, flashing, vertical or horizontal shiplap or otherwise made water-resistant.

Installations of LP®SmartSide® Strand Substrate Panel siding shall be over an approved water-resistive barrier.

When LP®SmartSide® Strand Substrate 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 nails of sufficient size to provide 1-1/2 inches of penetration into structural framing or wood structural panels and structural framing.

INSTALLATION AND LIMITATIONS:

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

CERTIFICATION AND IDENTIFICATION:

Louisiana-Pacific Corporation shall certify that each LP[®]SmartSide[®] Strand Substrate Lap siding and LP[®]SmartSide[®] Strand Substrate Panel siding conforms to the requirements of this Materials Release (MR).

The Quality Inspection Agency shall validate the manufacture's certification that the LP[®]SmartSide[®] Strand Substrate Lap siding and LP[®]SmartSide[®] Strand Substrate Panel siding meets the requirements of this Materials Release (MR).

Each piece of LP[®]SmartSide[®] Strand Substrate Lap siding and LP[®]SmartSide[®] Strand Substrate 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 1318c)
6. Quality control agency name and/or trademark

SAMPLE STAMP:

Panel Example:

APA RATED SIDING-SHEATHING 16OC SIZED FOR SPACING EXTERIOR 7/16 CATERORY
ICC-ESR-1301 HUD-MR-1318c CCMC-11826L PR-N124 THICKNESS 0.375 IN. **MILL 000**

QUALITY CONTROL:

The quality control manual for LP®SmartSide® Strand Substrate Lap, Panel, and Vertical Siding are on file with the HUD office and test data shall be available for inspection upon request by HUD.

Louisiana-Pacific Corporation produces LP®SmartSide® Strand Substrate Lap, Panel, and Vertical Siding at the following plants:

Louisiana-Pacific Corporation – 399
711 25th Avenue
Two Harbors, MN 55616
Phone: 218-834-8710
Contact: Quality Manager

Louisiana-Pacific Corporation – 435
9300 Highway S
P. O. Box 190
Tomahawk, WI 54487-9406
Phone: 715-224-2700
Contact: Quality Manager

Louisiana-Pacific Corporation - 416
7299 N Co Road 403
P. O. Box 80
Newberry, MI 49868
Phone: 906-293-4508
Contact: Quality Manager

Louisiana-Pacific Corporation – 357
16751 W US Highway 63
Hayward, WI 54543-7129
Phone: 715-634-5588
Contact: Quality Manager

Louisiana-Pacific Corporation – 457
MB-366
P. O. Box 189 (Highway 10)
Minitonas, Manitoba Canada R0L 1G0
Phone: 204-525-2479
Contact: Quality Manager

Louisiana-Pacific Corporation – 402
Mile 3 Alaska Highway
P.O. Box 2338
Dawson Creek, BC Canada V1G 4P2
Phone: 250-782-1616
Contact: Quality Manager

WARRANTY:

Warranty is limited to LP®SmartSide® Strand Substrate Lap Siding, Panel Siding, and Vertical Siding installed on structures permanently located in the contiguous United States, Alaska, Hawaii, or Canada.

For information concerning warranty for LP®SmartSide® Strand Substrate siding products, contact:

Louisiana-Pacific Corporation
Siding Claims Analyst
1151 ABTco Road
North Wilkesboro, NC 28659
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 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 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.
