



**SMARTSIDE®**  
TRIM & SIDING

**FOUNDATIONS 76 & 120 SERIES PRIMED & PREFINISHED PANEL SIDING  
ARCHITECTURAL COLLECTION REVERSE BOARD & BATTEN  
AND STUCCO PANEL SIDING**

## GENERAL

- At the time of manufacture, siding meets or exceeds the performance standards set forth in Composite Panel Association ANSI 135.6-2006 and has achieved code recognition under Legacy National Evaluation Report NER-626 and CCMC-12353L. For copies of these reports, call LP Customer Support at 1-800-577-4836.
- Minimum 6 in. clearance must be maintained between siding and finish grade.
- Siding applied adjacent to porches, patios, walks, etc. must have a clearance of at least 1 in. above any surface.
- Minimum 1" clearance at intersection with roof line
- Apply siding in a manner that prevents moisture intrusion and water buildup.
- All exposed wood substrate must be primed and painted in a manner that prevents moisture intrusion and water buildup.
- In non-traditional ICF and SIP assemblies, the ICF or SIP manufacturer must prescribe the fastening specifications. Note: LP does not recommend LP SmartSide for use in these non-traditional assemblies. If used, LP will not warrant for Buckling and Shrinkage. However, balance of warranty does remain intact.
- When using wet blown cellulose insulation, the insulation must not be in direct contact with the siding and it must be allowed to dry a minimum of 24 hours or longer if specified by the insulation manufacturer.
- DO NOT USE STAPLES
- Siding must not contact masonry.

## STORAGE

- Store off the ground well supported, on a flat surface, under a roof or separate waterproof covering
- Keep siding clean and dry. Inspect prior to application.
- Allow siding to adjust to atmospheric conditions before application.

## STUD SPACING

- Foundations 76 Series panel siding may be applied over sheathed walls or, where building codes permit, directly to studs spaced no greater than 16 in. O.C. that have adequate corner bracing.
- In all installations over masonry walls, the wall must be furred out and open at top and bottom to allow for convective ventilation with framing spaced 16 in. O.C. and with adequate thickness to accept 1-1/2 inch nail penetration.
- Foundations 76 Series and Architectural Collection 76 series reverse board & batten and stucco panel siding is not warranted against buckling in Alaska, Hawaii, Northern California or west of the Cascades in Washington, Oregon and California.

## MOISTURE

- Moisture control and moisture vapor control are critical elements of proper housing design. Check your local building codes for application procedures for handling moisture and moisture vapor in your area.
- As with all wood products, do not apply engineered wood siding to a structure having excessive moisture conditions such as drying concrete or plaster. If such conditions exist, the building should be well ventilated to allow it to dry prior to the application of the siding.

- Siding must not be applied to green or crooked structural framing members. Do not apply siding over rain-soaked or buckled sheathing materials.
- Gutters are recommended for control of roof water run off.

## VAPOR RETARDER/WEATHER BARRIER

- A properly installed breathable water-resistive barrier is required behind the siding.
- Consult your local building code for details.
- LP will assume no responsibility for water penetration.

## GAPS & SEALANTS

- Seal all gaps with a high-quality, non-hardening, paintable sealant with a minimum stated service life of 30 years. Follow the sealant manufacturer's instructions for application.

## FLASHING, WINDOWS, DOORS & OPENINGS

- All openings must be properly sealed or flashed in a manner that prevents moisture intrusion or buildup. Several examples that accomplish this are shown on the following pages.

## TRIM

Trim should be thick enough so the siding does not extend beyond the face of the trim.

- Trim and fascia must be applied in a manner that will not allow moisture intrusion or water buildup.
- LP® SmartSide® siding is not designed and/or manufactured to be used as trim or fascia. LP SmartSide trim and fascia are available in a variety of dimensions.

## FINISHING INSTRUCTIONS

### DO

- Priming all exposed wood substrates before painting is highly recommended.
- Paint all exposed siding surfaces including drip edges.
- Thoroughly paint the bottom edges of siding especially all cut ends next to the roof line.
- Apply paint as soon as possible and within 180 days of application.
- Follow the coating manufacturer's application and maintenance instructions.
- High-quality acrylic latex paint, specially formulated for use on wood and engineered wood substrates, is highly recommended. Semi-gloss or satin finish oil or alkyd paints are acceptable. For flat alkyd paint, please check with the coating manufacturers for their recommendations for use on composite wood siding.

## Application instructions (cont.)

### NOT RECOMMENDED:

- Semi-transparent stain.
- Shake and shingle paints.
- Vinyl-based resin formulas such as vinyl acetate, PVA, vinyl acetate/acrylic copolymer paints.

### SIDING APPLICATOR INSTRUCTIONS: 76 SERIES SHIPLAP

- Apply siding over framing with a maximum stud spacing of 16 in. O.C.
- All siding must be installed over framing members no less than 2 in. x 4 in..
- Shiplap edges must fall on studs. Position underlap shiplap flange at center of stud.
- Horizontal joints must be supported by framing. Leave a 3/8 in. gap and flash joints with a noncorrosive "Z" flashing.
- Where panels butt against window and door trim and at inside and outside corners, leave a 3/16 in. gap and caulk.
- LP SmartSide siding may be sawn face up with a fine-tooth hand-saw or face down with a combination blade power saw.
- NAILS MUST PENETRATE FRAMING MEMBERS AT LEAST 1-1/2 in.** For best performance use hot-dipped galvanized nails with a minimum 1/4 in. diameter head. On pre-finished, use LP SmartSide color matched nails.
- When installing siding over a maximum 1" foam sheathing, care must be taken not to drive nails so hard as to compress the foam and distort the siding surface.
- DOUBLE NAILING AT VERTICAL JOINTS IS REQUIRED.** (See drawing)
- Space nails 6 in. O.C. on all siding edges and 12 in. O.C. at intermediate framing members. Nails spaced 6 in. O.C. on underlap flange will be covered by overlap flange. Nails spaced 6 in. O.C. on overlap flange should be 1" in from edge of panel.
- For Additional Racking Strength, to meet FHA Technical Circular 12 as sheathing siding, where local codes permit, nails must be spaced 4 in. O.C. on all panel edge and 8 in. O.C. at intermediate framing studs. Nail penetration must be a minimum of 1-1/2 in. into all framing members.

### SIDING APPLICATOR INSTRUCTIONS: 76 SERIES SQUARE

- Apply siding over framing with a maximum stud spacing of 16 in. O.C.
- All siding must be installed over framing members no less than 2 in. x 4 in. and all panel edges must fall on studs.
- For all vertical joints, it is strongly recommended they be covered with wood battens.
- Exposed joints on primed siding must be thoroughly painted as described under "Finishing"
- Horizontal joints must be supported by framing; to weather-proof horizontal joints leave a 3/8 in. gap and flash joints with a noncorrosive "Z" flashing.
- Where panels butt against window and door trim and at inside and outside corners, leave a 3/16 in. gap and apply sealant.
- Wood corner boards should also be installed over both inside and outside corners.
- LP SmartSide siding may be sawn face up with a fine-tooth hand-saw or face down with a combination blade power saw.

- NAILS MUST PENETRATE FRAMING MEMBERS AT LEAST 1-1/2 in.** For best performance use hot-dipped galvanized nails with a minimum 1/4 in. diameter head. **DO NOT OVERDRIVE NAILS.** Nail head should seat firmly to face of siding but not be over-driven to distort the siding surface.
- When installing siding over a maximum 1" foam sheathing, care must be taken not to drive nails so hard as to compress the foam and distort the siding surface.
- Space nails 6 in. O.C. on all siding edges and 12 in. O.C. at intermediate framing members.
- For Additional Racking Strength, to meet FHA Technical Circular 12 as sheathing siding, where local codes permit, nails must be spaced 4 in. O.C. on all panel edges and 8 in. O.C. at intermediate framing studs. Nail penetration must be a minimum of 1-1/2 in. into all framing members.

The Louisiana-Pacific Corporation ("LP") LP SmartSide Siding (the "Products") limited warranty (the "Warranty") applies only to structures on which the Products have been applied, finished and maintained in accordance with the published application, finishing and maintenance instructions in effect at the time of application. The failure to follow such application, finishing or maintenance instructions will void the Warranty as to the portion of the Products affected by the variance (the "Affected Products").

LP assumes no liability for any loss or damage sustained by the Affected Products and is expressly released by the purchaser or owner from any such loss or liability.

Any modification of the Warranty's application, finishing or maintenance requirements is void and unenforceable unless approved in writing prior to application by the Siding General Manager or his designee and a member of the LP Legal Department.

For a copy of the warranty or for installation and technical support, visit the LP SmartSide product support Web site at:

[www.lpcorp.com](http://www.lpcorp.com)

or for additional support call 800.450.6106.

### WARRANTY REMEDIES ARE NOT AVAILABLE IF REQUIREMENTS ARE NOT FOLLOWED.

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**Cal. Prop 65 Warning: Use of this product may result in exposure to wood dust, known to the State of California to cause cancer.**

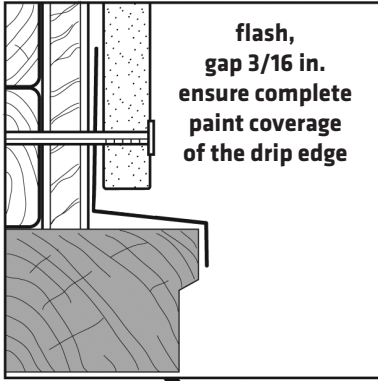
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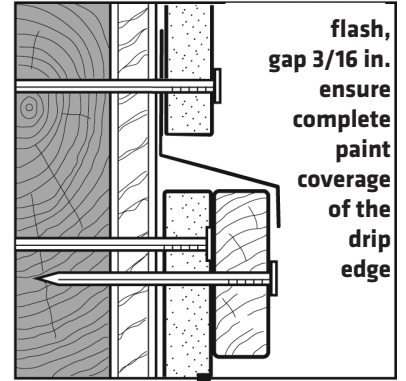
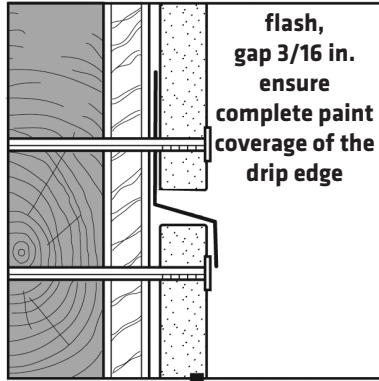
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NOTE: Louisiana-Pacific Corporation periodically updates and revises its product information. To verify that this version is current, call 800-450-6106. LPZB0511

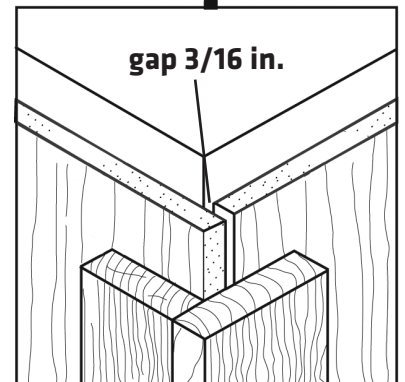
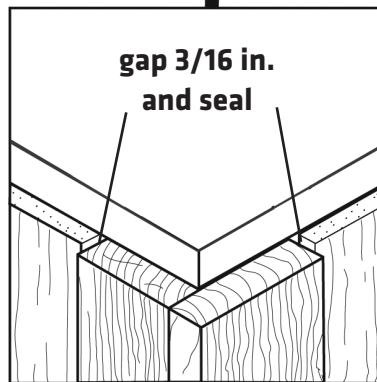
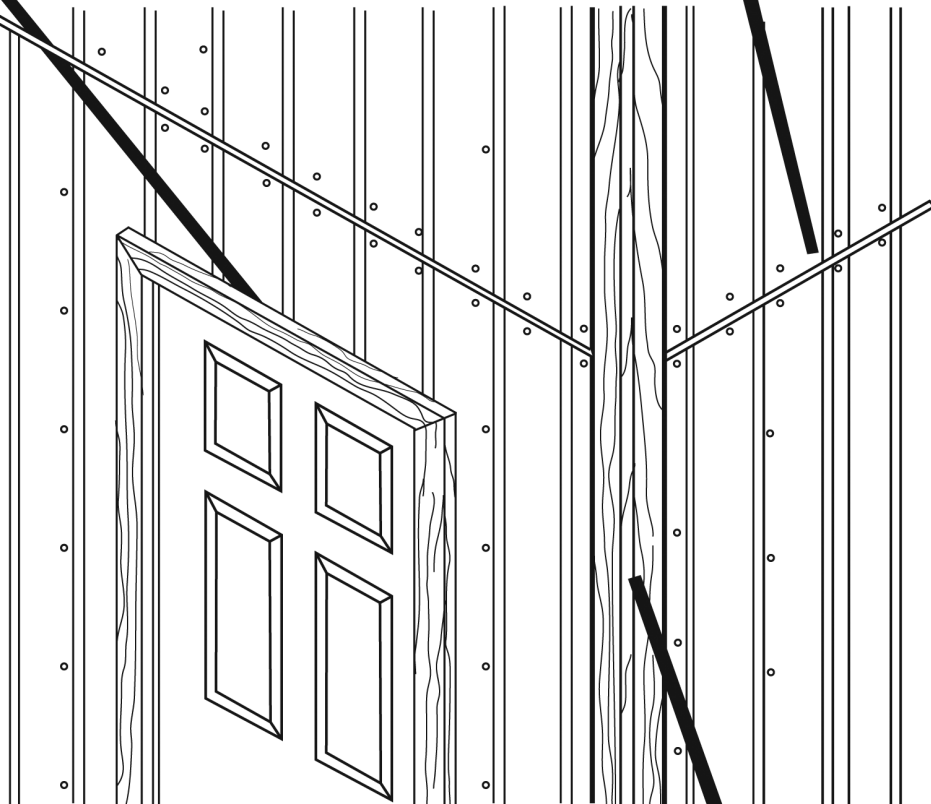
## over openings



## alternate panel stacking details

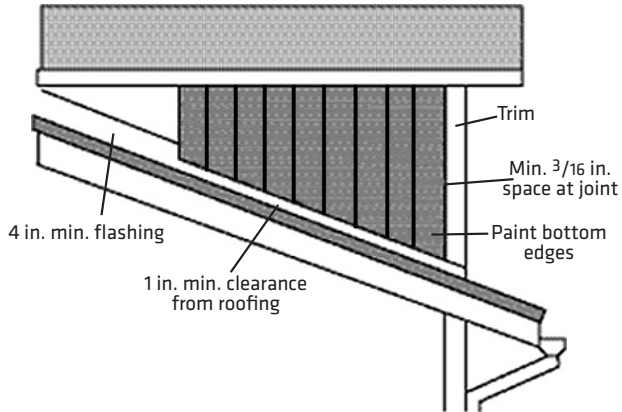


Shiplap and  
Square Edge  
Panel Siding

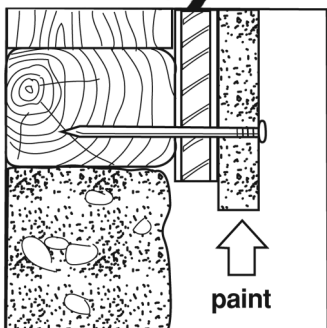
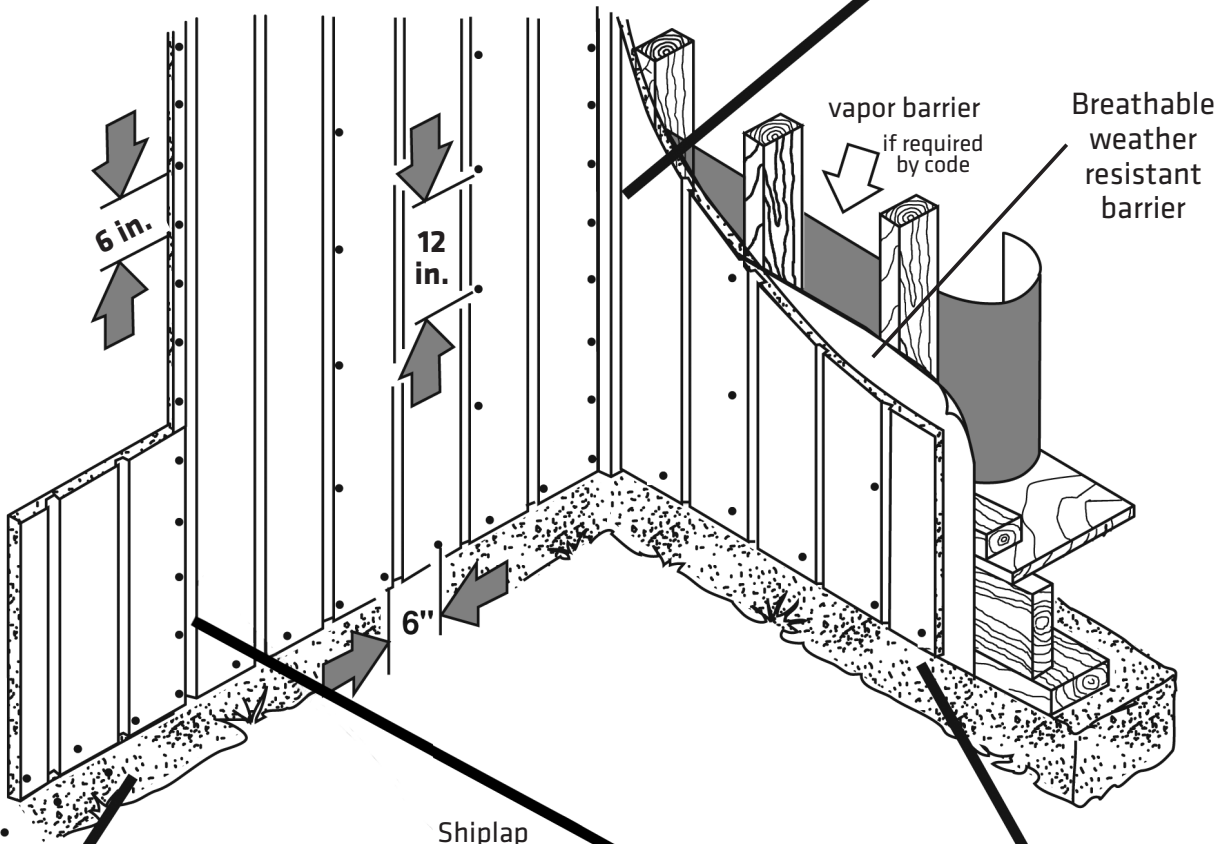
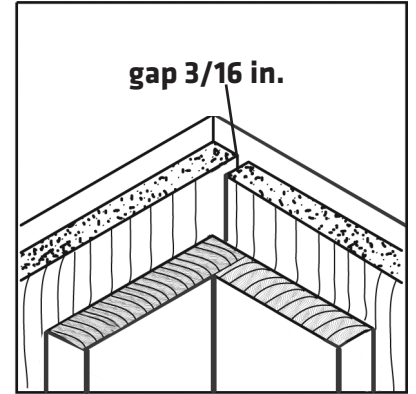
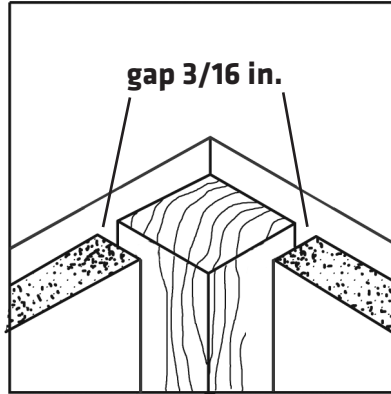


## outside corner details

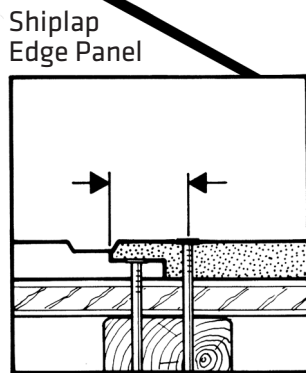
## roof flashing detail



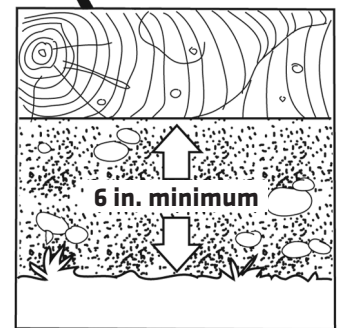
## alternate inside corner details



**bottom course detail**



**panel joint detail**



**ground clearance**