



WeatherLogic[®]

AIR & WATER BARRIER

INSTALLATION MANUAL





WeatherLogic®

AIR & WATER BARRIER

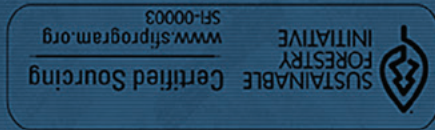
PRODUCT OVERVIEW

The LP WeatherLogic® Air & Water Barrier system consists of LP WeatherLogic panels with all panel joints (seams) sealed with LP WeatherLogic Seam & Flashing Tape or LP WeatherLogic Seam & Flashing Sealant to create an effective water-resistive barrier (WRB) and air barrier.

The LP WeatherLogic panels consist of a water-resistive overlay permanently bonded to LP® OSB that is APA Structural I Rated Sheathing. LP WeatherLogic Seam & Flashing Tape is a pressure-sensitive tape certified to AAMA 711 and LP WeatherLogic Seam & Flashing Sealant is an AAMA 714-certified liquid-applied flashing. Both are specially formulated to work with the LP WeatherLogic panels to provide an alternate to both traditional WRBs (housewrap) and roof underlayment.

The LP WeatherLogic system has been rigorously tested to meet code requirements as documented in APA Product Report® PR-N138 and Intertek® Code Compliance Research Report CCRR-0319.

For more product information, visit LPCorp.com/WeatherLogic. For an installation video guide and other installation tips, please visit LPCorp.com/InstallWeatherLogic.



APA PR-N138
INTERTEK CCRR-0319



WeatherLogic®

AIR & WATER BARRIER

TESTING AND CERTIFICATIONS

Property	Reference Test	Test Results
Performance category & Panel grade	PS 2	7/16 through 5/8 Structural I Rated Sheathing
Water-vapor transmission	ASTM E96 - Method B	5.35 perms (overlay)
Tape performance	AAMA 711-20	Approved
Sealant performance	AAMA 714-19	Approved
Water resistance	ASTM D2247	Pass
Water penetration	ASTM E331	Pass
Air barrier assembly test	ASTM E2357	Meets IECC requirements

STORAGE AND HANDLING



- Store LP WeatherLogic® panels off the ground, well supported, on a flat surface and under wrap or under a roof.
- Do not stack higher than four units. Space unit stacks a minimum of 6" on all sides.
- LP WeatherLogic panels are packaged with a weather-resistant unit cover to provide protection on the jobsite prior to installation. Replace cover over unused portion of panels. Keep panels clean and dry. Inspect prior to application.
- If possible, store LP WeatherLogic Seam & Flashing Tape and LP WeatherLogic Seam & Flashing Sealant indoors in a conditioned environment. Avoid temperature extremes.

GENERAL INFORMATION

- **Only LP WeatherLogic® Seam & Flashing Tape and LP WeatherLogic Seam & Flashing Sealant are approved to seal the panel joints between LP WeatherLogic panels to create the LP WeatherLogic Air & Water Barrier system.**
- The flashing details presented in this Manual are examples of how LP WeatherLogic Seam & Flashing Tape and Sealant may be used for flashing at fenestrations, penetrations and material transitions. **Actual details used must be in accordance with local code; manufacturer’s instructions for fenestrations, penetrations, and roof and wall cladding; and approved project specifications.** Other code-approved flashing materials may be used including self-adhering flashing (which must be certified to AAMA 711-13 or to AAMA 711-20 if building to the 2021 IBC or IRC), liquid-applied flashing (which must be certified to AAMA 714-15 or newer), or any flexible flashing evaluated to ICC-ES Acceptance Criteria for Flexible Flashing Materials (AC148).
- Comply with all OSHA and local safety code guidelines. Wear skid-resistant shoes when installing LP WeatherLogic roof panels and roofing.
- LP WeatherLogic panels are sized nominally to 4’ x 8’ , 4’ x 9’ and 4’ x 10’ (reduced 1/8” to allow for proper spacing during installation). Custom lengths may be available as special order.
- Install LP WeatherLogic panels with the blue water-resistive overlay facing outward.
- The panels shall be designed and installed as typical for OSB wall and roof sheathing in accordance with the appropriate Performance Category and in accordance with all code requirements for untreated OSB sheathing.
- For roof applications, the LP WeatherLogic system is only approved for use on a 2:12 pitch or greater. The LP WeatherLogic system can be used with asphalt shingles, metal roof shingles and panels, clay and concrete tiles, slate and slate-type shingles, and wood shingles and shakes. Follow roofing manufacturer’s instructions for installing roofing.
- Be careful not to overdrive fasteners or miss the framing with a fastener (a “shiner”). **For water resistance, overdriven is when the head of the fastener breaks the blue water-resistive overlay so that wood is visible.** Cover overdriven fasteners and shiners with a 4” length of LP WeatherLogic Seam & Flashing Tape centered over the nail. Alternatively, seal the fastener head with approximately a 1” diameter patch (about the size of a quarter) of LP WeatherLogic Seam & Flashing Sealant or other AAMA 714-certified liquid-applied flashing.

NOTE: Overdriven fasteners can reduce the structural capacity of a wall or roof system. Refer to APA Technical Topic (TT-012) “Effect of Overdriven Fasteners on Shear Capacity” for guidance on when additional fasteners are required to maintain shear wall and roof diaphragm capacity.

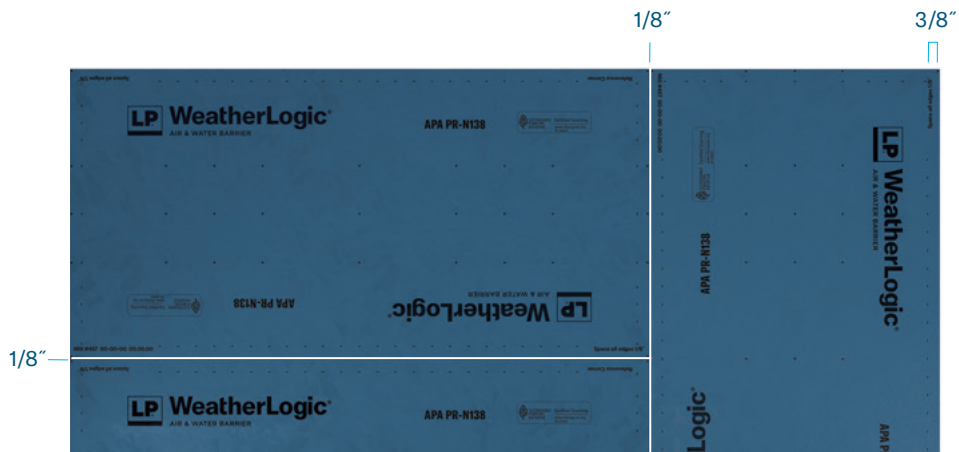
- Minor chips, cuts and scratches are to be repaired by covering them with LP WeatherLogic tape or sealant. The repair should be long enough to extend 2” past the chip, cut or scratch.

GENERAL INFORMATION (CONTINUED)

- After any required nailing inspections, cover all LP WeatherLogic panel seams as soon as conditions permit with LP WeatherLogic Seam & Flashing Tape or LP WeatherLogic Seam & Flashing Sealant. See the appropriate section below for more information on installing the tape or sealant.
- The LP WeatherLogic® system must be covered with exterior cladding or roofing within six months following initial panel installation. Prior to cladding, inspect all seams and flashing to ensure proper application throughout. Repair or replace any misapplied or damaged tape or sealant prior to cladding.
- For wall applications where more than one layer of water-resistive barrier (WRB) is required (e.g. stucco), install additional WRB layers (housewrap) over LP WeatherLogic system. LP WeatherLogic Air & Water Barrier is only the first WRB layer, equivalent to a 10-minute Grade D paper.
 - For Dry (B) climates, installation shall be in accordance with Section 2510.6.1 Item 1 of the 2021 IBC or Section R703.7.3.1 Item 1 of the 2021 IRC.
 - For Moist (A) or Marine (C) climates, installation shall be in accordance with Section 2510.6.2 Item 1 of the 2021 IBC or Section R703.7.3.2 Item 1 of the 2021 IRC.
- For roof applications where more than one layer of underlayment is required, install a layer of approved underlayment over the LP WeatherLogic system. LP WeatherLogic Air & Water Barrier is only the first layer of underlayment.
- The LP WeatherLogic system complies with the 2023 Florida Building Code as the underlayment for roof coverings in accordance with Method 2 in Section 1507.1.1.1 of the 2023 FBC, Building; and Section R905.1.1.1 of the 2023 FBC, Residential.
- Where an ice barrier is required, install the ice barrier directly to the LP WeatherLogic system. Use the WeatherLogic Seam & Flashing Tape or Sealant to seal the upper edge of the ice barrier to the panel. LP WeatherLogic Air & Water Barrier does not replace an ice barrier.
- **RE-CLADDING:** When a wall or roof is re-clad after original installation of an LP WeatherLogic system, install a new water-resistive barrier (housewrap for walls) or underlayment (for roofs) over the affected area, in accordance with those manufacturer's instructions, to cover all fastener holes left from removing the previous cladding. Alternatively, all fastener holes may be covered with LP WeatherLogic Seam & Flashing Tape or Sealant as noted above for overdriven fasteners. Replace all affected flashing as necessary.

PANEL INSTALLATION

- Confirm fastening details with code and project specifications prior to installation of panels.
- Panel direction:
 - Wall panels: May be installed vertically or horizontally.

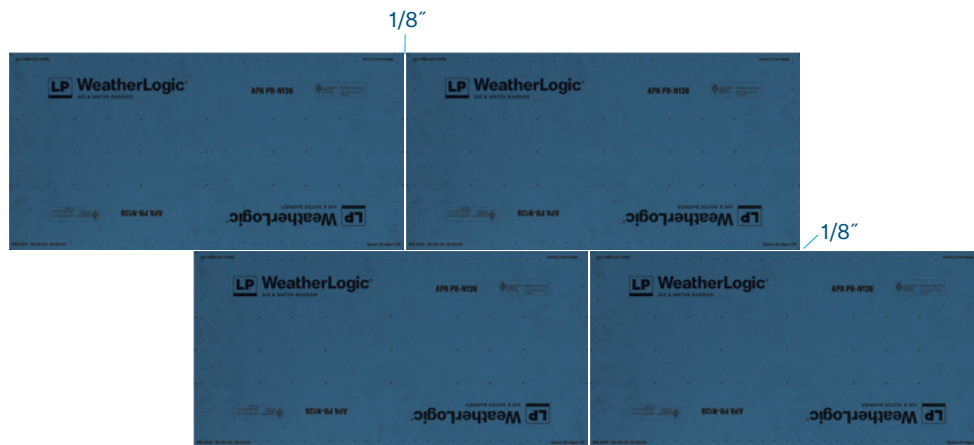


- Roof panels: Must be installed with the long dimension or major strength axis of the panel across the roof supports and with the panel continuous over two or more spans.

Panel end joints shall occur over framing.

When required or specified, support panel edges with panel edge clips (H-clips), lumber blocking or other approved means installed between roof supports.

EXCEPTION: 7/16 Performance Category LP WeatherLogic roof sheathing spanning more than 16" requires edge support. Install H-clips midway between roof supports or use lumber blocking.



- Provide 1/8" space between all panel ends and edges. Use a spacer tool (e.g., a 10d box nail) to ensure accurate and consistent spacing.

NOTE: When using H-clips with roof panels, ensure the full 1/8" space between panel edges is still provided.

PANEL INSTALLATION (CONTINUED)

- Attach panels to framing in accordance with project specifications. In the absence of project specifications, follow typical residential sheathing nailing:
 - Nail size:
 - Wall panels: Use minimum 6d (2" x 0.113" diameter) common nails for panels up to 1/2" thick, 8d (2-1/2" x 0.131" diameter) common nails for panels up to 5/8" thick.
 - Roof panels: Use minimum 8d (2-1/2" x 0.131" diameter) common nails.
 - Do **NOT** use nails larger than 0.148" diameter (equivalent to a 10d common nail).
 - Drive nails 3/8" from all panel edges.
 - Space nails 6" oc along supported panel ends and edges and 12" oc at intermediate supports (in the field of the panel). Tighter nail spacing may be specified by the designer or required by code.
- NOTE: Panel edge nails shall be staggered for 10d common nails spaced 3" oc or less, and for any permitted nail size spaced less than 3" oc. Staggered panel edge nailing shall occur over 3" nominal or wider framing (stitched double 2" nominal framing may be permitted in lieu of 3" nominal framing for shear walls). Refer to the ANSI/AWC Special Design Provisions for Wind and Seismic for nailing requirements for the design of shear walls and diaphragms.
- Staples and other code-approved fasteners may be used as approved by the building official.

LP WEATHERLOGIC® SEAM & FLASHING TAPE

LP WeatherLogic® Seam & Flashing Tape is the only tape approved to seal the panel joints of the LP WeatherLogic system. The tape can also be used for basic flashing such as window and door openings, straight material transitions, straight-sided penetrations that have flanges, and for boots for pipe penetrations.

LP WeatherLogic tape rolls are available in 3-3/4" and 6" widths. The 6" width is recommended for window flashing, especially when wider trim products are used. The 6" width is also preferred for inside and outside corners on walls and for ridge, hip and valley seams. A squeegee is enclosed in every box to help firmly adhere the tape.

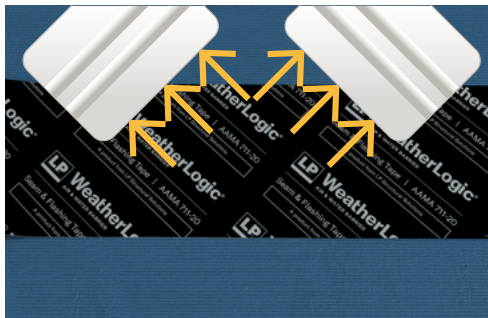


LP WEATHERLOGIC® SEAM & FLASHING TAPE (CONTINUED)

- Use either the 3-3/4" or 6" wide LP WeatherLogic® Seam & Flashing Tape to cover the seams between adjacent panel edges.
- Install the tape as soon as conditions permit.
 - Install only when outside temperatures are greater than 10° F (-12° C) and panel temperatures are less than 130° F (50° C).
 - Wipe away any debris and foreign substances from the water-resistant barrier surface, and **ensure the surface is clean, dry and free from frost before taping**.
 - Ensure fastener heads are fully seated and any chips or remnants of nail clips are removed to help avoid puncturing tape when adhering tape to panel.
- Install the tape working from the bottom of the structure towards the top (overlapping from above) to create a shingle effect. See TAPE – LAPPING below.

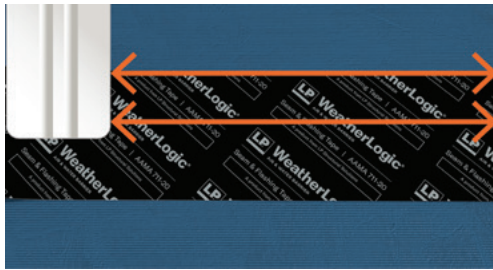
NOTE: When panel seam tape intersects with tape used as flashing, follow the rules in TAPE - LAPPING to properly shingle the tape.

- Place LP WeatherLogic tape carefully, centered over the panel seam. The tape may be off-center up to 1/2". Do **NOT** stretch the tape while placing on the panel. If stretched, allow the tape to recover before placement.
- The LP WeatherLogic tape is pressure sensitive. While installing a piece of tape and *prior to applying pressure to the tape, the tape may be immediately peeled back once only to reposition*.
- Adhere the tape to the panels using either the included squeegee or an off-the-shelf laminate roller ("J-roller"). NOTE: The roller should be no larger than 3" wide and 1-1/2" diameter.
- As each piece of tape is set in its final position, smooth with hand pressure to remove wrinkles and bubbles. Small bubbles more than 1" from edge of tape are acceptable.
- Work each side of the panel joint separately to account for thickness variation between panels. Be careful to avoid puncturing the tape on nail heads or bits of metal or plastic nail clips that might remain with nail.
- Initially using an angled motion between nail heads, from the panel joint towards the tape edge, helps remove trapped air and minimize punctures over nail heads.

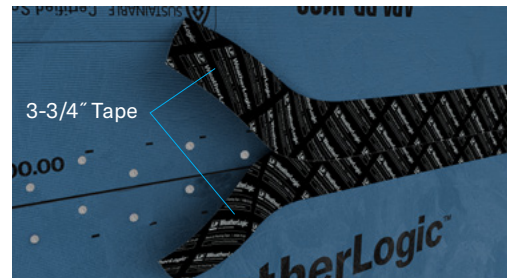


LP WEATHERLOGIC® SEAM & FLASHING TAPE (CONTINUED)

- Finally, run the squeegee or J-roller back and forth with firm pressure on each side of the panel gap (outside the nail heads) to help ensure that the edges bond tightly to the panel. The texture of the panel surface should be visible in the surface of the tape.

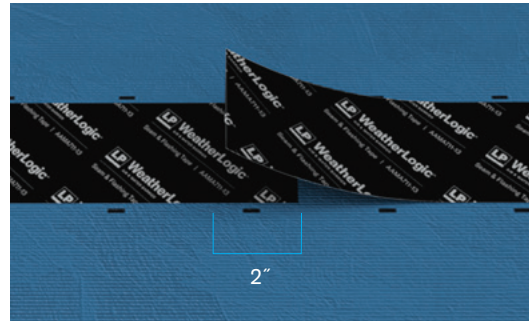


- To cover seams when staggered panel edge nailing is used (e.g., tight shear wall nailing), use the 6" tape. Alternatively, two layers of 3-3/4" tape can be used:
 - Adhere first layer of tape to cover 1-1/4" to 1-1/2" past the outside nail heads on one side of the seam. For horizontal panel seams, install the lower tape first to ensure proper shingling of the tape.
 - Adhere second layer of tape to cover 1-1/4" to 1-1/2" past the outside nail heads on the opposite side.



- The tape can take up to 24 hours to reach maximum adhesion, depending on temperature.
- If an edge of LP WeatherLogic® tape does not seal for any reason, peel off and replace with a fresh piece of tape.
- When using H-clips for LP WeatherLogic roof panels, ensure that the tape covers at least 1-1/4" above and below the H-clip. Carefully use firm pressure with the squeegee or roller around all sides of the H-clip to ensure the tape is properly bonded to the panel. If necessary, use the 6" tape for the panel seams or apply an 8" long vertical strip of 3-3/4" tape centered over the clip to extend 2" above and below the horizontal seam tape.

TAPE - LAPPING

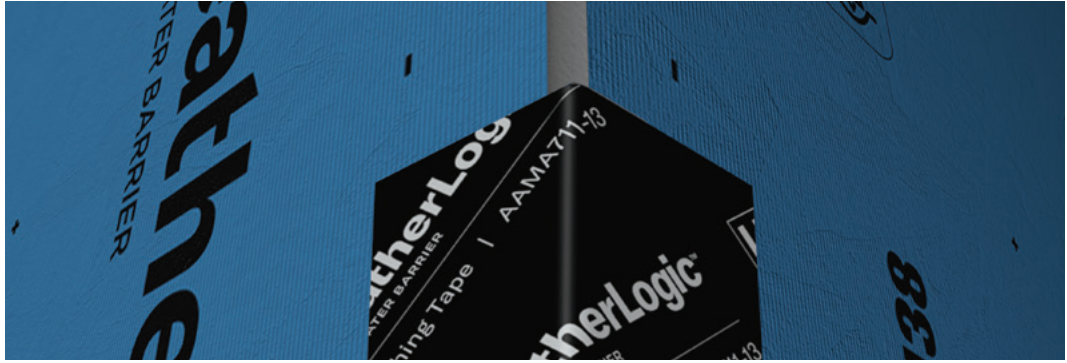


- Use one continuous piece of tape to cover seams where possible. If needed to complete a straight run, overlap ends of tape at least 2".
 - Vertical seams: bottom end of tape above overlaps top end of tape below.
 - Horizontal seams: tape may lap left-to-right or right-to-left.



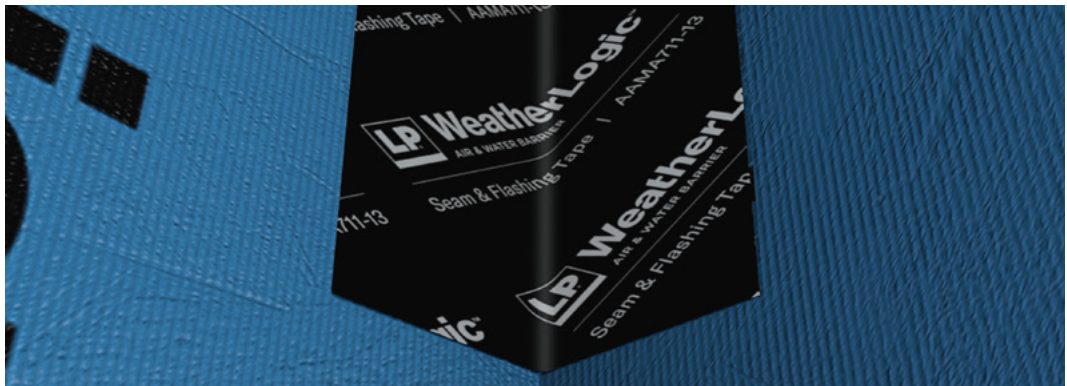
- Where horizontal and vertical seams intersect, lap tape as follows:
 - Vertical seam crosses horizontal seam: vertical tape overlaps horizontal tape or shingle tape as shown.
 - Vertical seam terminates at horizontal seam:
 - └ Lap: vertical tape overlaps horizontal tape.
 - ┌ Lap: horizontal tape overlaps vertical tape.
 - Horizontal seam terminates at vertical seam (┐ or ┌): vertical tape overlaps horizontal tape.
 - For all terminating laps, the end of the terminating tape should extend halfway under 3-3/4" tape or 2" under the 6" tape.

TAPE - CORNERS



Outside corners:

- 6" LP WeatherLogic® Seam & Flashing Tape is recommended. Center tape over corner. Fully adhere half of tape width to one side and then tightly wrap over corner to adhere tape to adjacent side.
- Alternatively, two layers of 3-3/4" LP WeatherLogic tape can be used.
 - Adhere first layer of tape 2" to one side and fold over the corner.
 - Adhere second layer of tape 2" to the opposite side and fold over corner to overlap first tape.



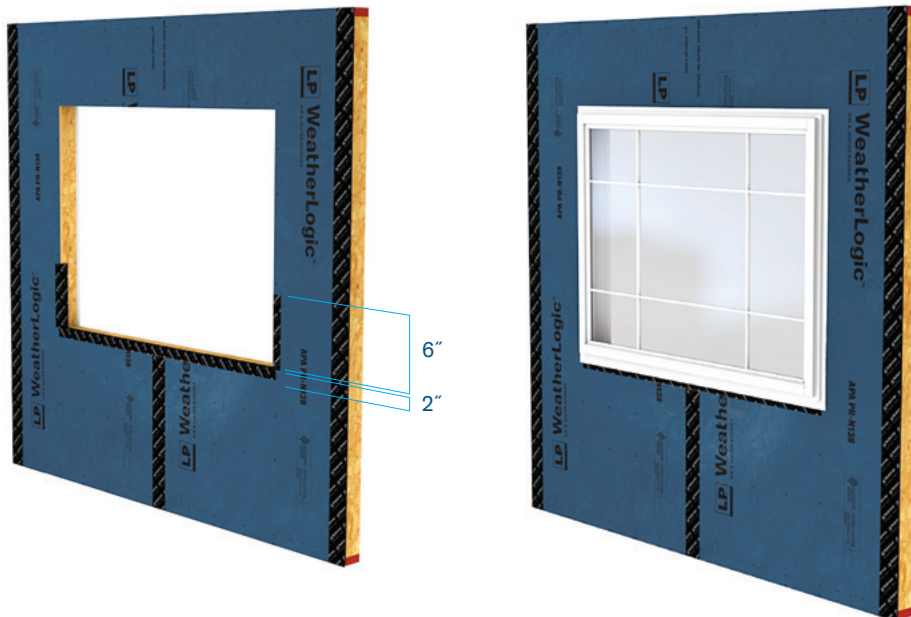
Inside corners:

- 6" LP WeatherLogic Seam & Flashing Tape is recommended. Center tape in the corner. Use the included squeegee to tightly push and crease the center of the tape fully into the corner. Adhere tape to both sides of corner.
- Alternatively, two layers of 3-3/4" LP WeatherLogic tape can be used.
 - Apply first layer of tape to one side of corner, leaving 1" to adhere to opposite side. Use squeegee to crease and tightly push the tape into the corner.
 - Apply second layer of tape to other side of corner, leaving 1" to adhere over first tape on opposite side. Use squeegee to crease and tightly push the tape into the corner.

TAPE - WINDOW INSTALLATION

Windows with nailing flanges:

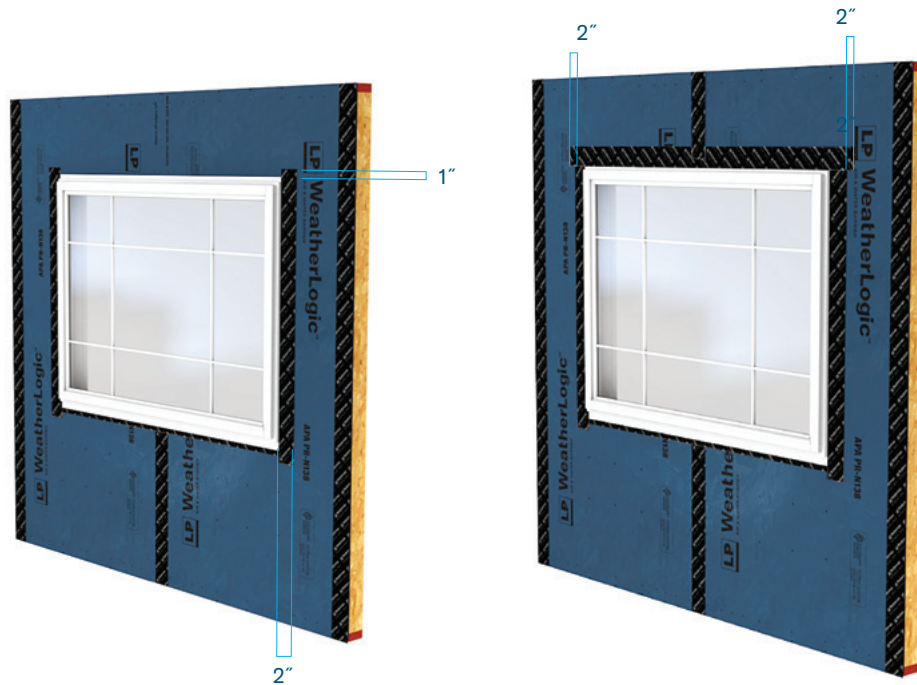
- Install pan flashing:
 - 6" LP WeatherLogic® Seam & Flashing Tape is recommended.
 - Cut tape at least 12" longer than the length of the sill to wrap a minimum of 6" up the jambs.
 - Align the tape on the sill so that approximately 2" of the tape can be folded onto the face of panel. Fit the tape tightly into the corners using the squeegee.
 - At the corners of the sill and jambs, carefully cut the overhanging portion of tape along the folds up to the face of the panel. Do NOT overcut. Fold the overhanging tape onto the faces of the LP WeatherLogic panel.
- Install the window in accordance with the window manufacturer's instructions.



TAPE - WINDOW INSTALLATION (CONTINUED)

Flash window:

- Apply LP WeatherLogic® Seam & Flashing Tape to both jamb flanges. The tape should cover the flange fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or multiple rows of 3-3/4" tape. Extend the tape approximately 1" past the head flange and at least 1" past the sill flange. Do NOT extend the tape more than 1-1/4" above the head flange to ensure sufficient surface area for the overlapping tape (next step) to bond to the panel.
- Apply tape across the head flange of the window. As above, the tape should cover the flange fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or shingle multiple rows of 3-3/4" tape. Extend the tape at least 2" past the top ends of the jamb flange tape.
- If a drip edge is installed at the head of the window, apply tape to seal the top of the drip edge. The tape should cover the drip edge fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or shingle multiple rows of 3-3/4" tape. Extend the tape at least 2" past each end of the drip edge.

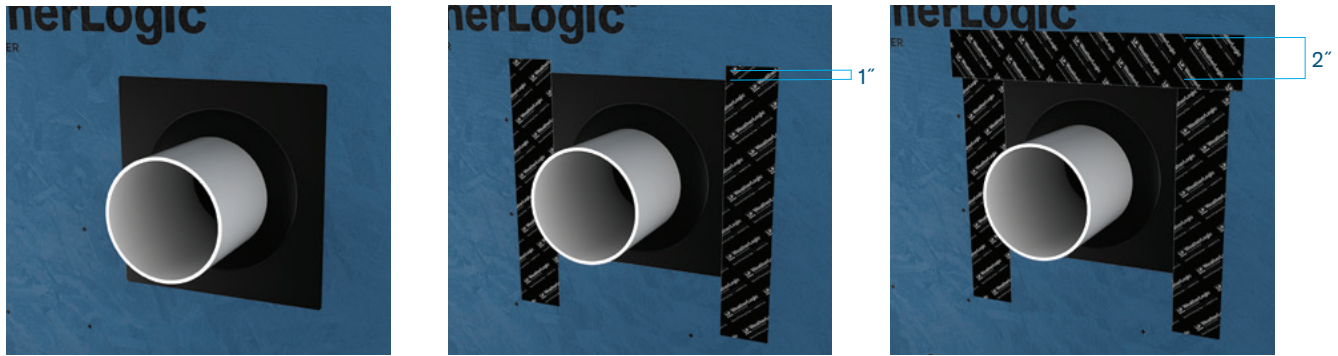


TAPE - DOOR INSTALLATION



- Apply LP WeatherLogic® Seam & Flashing Tape to the jambs: Cut tape to fit the vertical length of the jamb and align so that approximately 2" of the tape can be folded onto the face of panel.
- Install the door in accordance with the door manufacturer's instructions.
- If molding is installed, seal molding to face of panel with an approved sealant.
- If a drip edge is installed at the head of the door, apply a piece of tape to seal the top of the drip edge. The tape should cover the drip edge fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or shingle multiple rows of 3-3/4" tape. Extend the tape at least 2" past each end of the drip edge.

TAPE - WALL PENETRATIONS



Penetrations with flanges (and straight sides):

- For air barrier applications, seal penetration from the inside with a code-approved method.
- Apply tape to both side flanges. The tape should cover the flange fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or multiple rows of 3-3/4" tape. Extend the tape approximately 1" past the top flange and at least 1" past the bottom flange tape. Do NOT extend tape more than 1-1/4" above the top flange to ensure sufficient surface area for overlapping tape (next step) to bond to the panel. The tape can extend more than 1" below the bottom flange tape.
- Apply tape to the top flange. As above, the tape should cover the flange fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or shingle multiple rows of 3-3/4" tape. Extend the tape at least 2" past both pieces of side flange tape.
- For straight-sided shapes other than rectangular, repeat the step for each "side flange," working from bottom to top of the penetration.

Penetrations without flanges (or with curved sides):

- Option 1: Use LP WeatherLogic® Seam & Flashing Sealant (see LP WEATHERLOGIC SEAM & FLASHING SEALANT section below).
- Option 2: Use a flexible ("stretch") adhesive-backed flashing tape certified to AAMA 711-13 (AAMA 711-20 if building to the 2021 IBC or IRC), a liquid-applied flashing certified to AAMA 714-15 (or newer), or a flexible flashing evaluated to ICC-ES Acceptance Criteria for Flexible Flashing Materials (AC148). Install in accordance with the manufacturer's instructions.
- Option 3: Use an approved flashing boot over the penetration. Secure the boot in accordance with the boot manufacturer's instructions and tape the boot to the panel with LP WeatherLogic Seam & Flashing Tape according to "Penetrations with Flanges" instructions.

FOUNDATION TRANSITION

- LP WeatherLogic® panels are **NOT** preservative treated and must be installed in accordance with local code for untreated wood structural panel wall sheathing.
- LP WeatherLogic panels must **NOT** be in direct contact with concrete or masonry foundations. In the absence of approved project specifications:
 - When the panel is located above the foundation (wall framing set back from face of foundation), provide a minimum 1/2" gap between the bottom edge of the panel and the foundation.
 - When the panel extends along the outside of the foundation (wall framing flush with face of foundation), provide an air gap behind the panel or protect the panel from direct contact with the foundation using code-approved flashing or other impervious material.
- When a drip edge or flashing is attached to the water-resistive face of the panel, apply LP WeatherLogic Seam & Flashing Tape to seal the top of the drip edge or flashing. The tape should cover the drip edge or flashing fasteners and extend at least 2" onto the face of the panel. If necessary, use 6" tape or shingle multiple rows of 3-3/4" tape. Where possible, extend the tape at least 2" past each end of the drip edge or flashing.

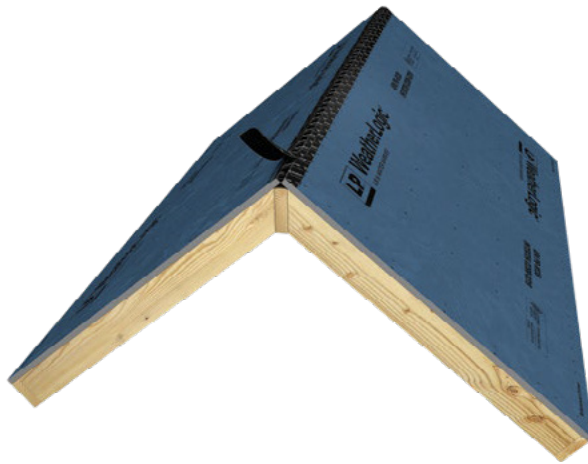


NOTE: This figure depicts just one possible detail. A drip edge or other means of flashing at the transition, if used, should follow local code and approved project specifications.

TAPE - RIDGES & HIPS



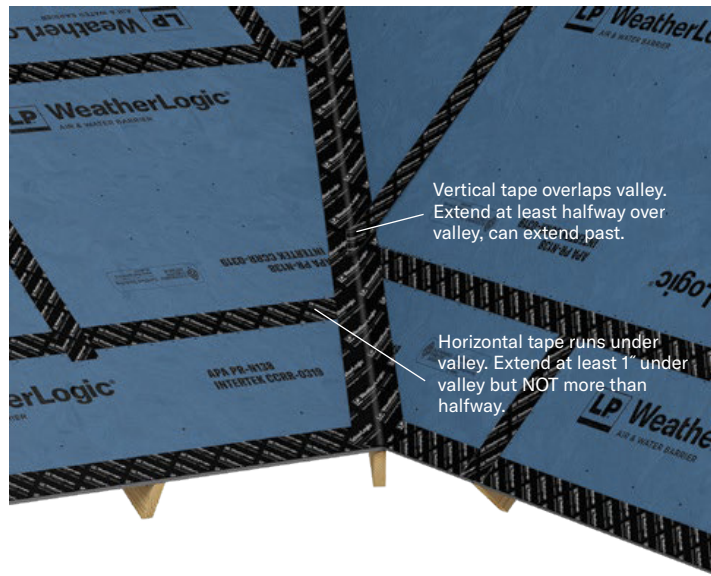
- 6" LP WeatherLogic® Seam & Flashing Tape is recommended. Center tape over ridge/hip. Fully adhere half of tape width to one side and then tightly wrap over ridge/hip to adhere tape to adjacent side.



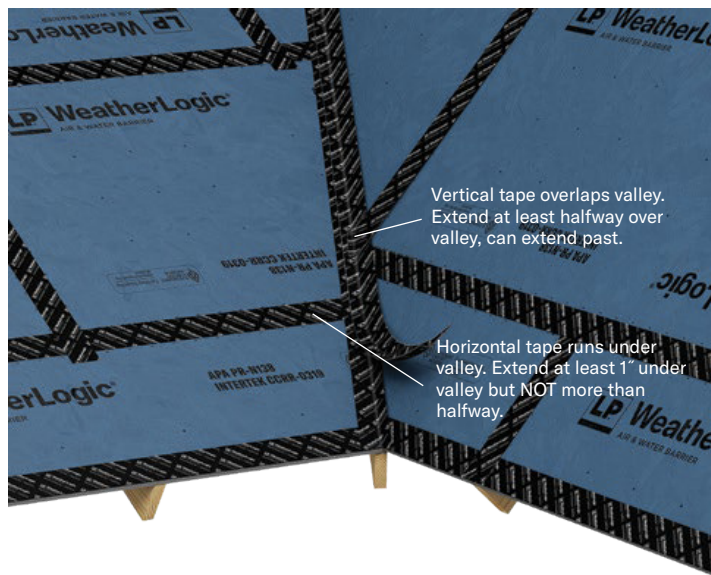
- Alternatively, two layers of 3-3/4" LP WeatherLogic tape can be used.
 - Adhere first layer of tape 2" to one side and fold over the ridge/hip.
 - Adhere second layer of tape 2" to the opposite side and fold over ridge/hip to overlap first tape.

NOTE: For continuous ridge and hip vents, cut out the tape along the ridge/hip as needed when installing the vents.

TAPE - VALLEYS

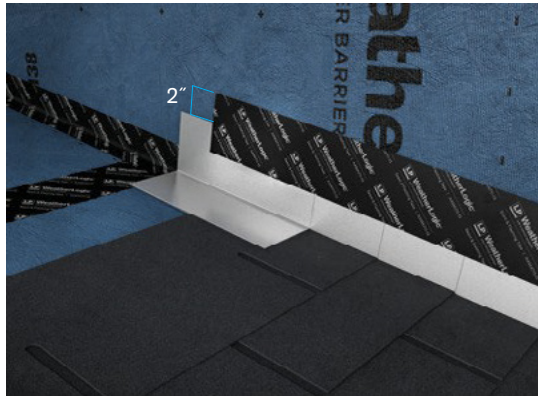


- 6" LP WeatherLogic® Seam & Flashing Tape is recommended. Center tape in the valley. Use the included squeegee to crease and tightly push the center of the tape fully into valley. Adhere tape to both sides of valley.



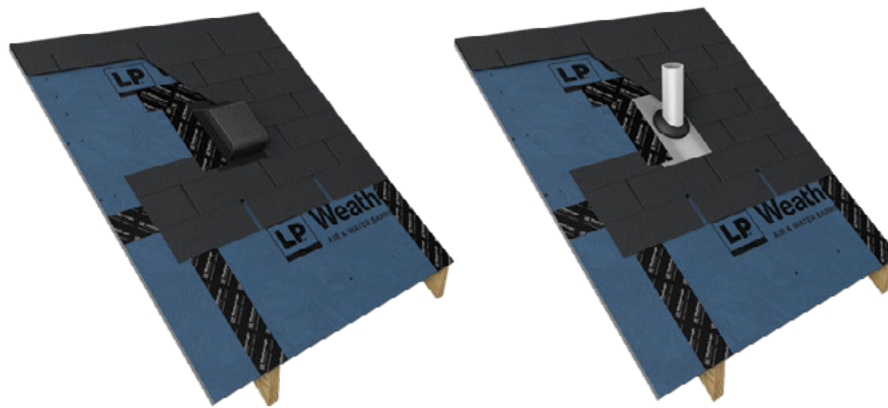
- Alternatively, two layers of 3-3/4" LP WeatherLogic tape can be used.
 - Apply first layer of tape to one side of valley, leaving 1" to adhere to opposite side. Use squeegee to crease and tightly push the tape into the valley.
- NOTE: If valley sides are uneven, apply first layer of tape to the short side.
- Apply second layer of tape to other side of valley, leaving 1" to adhere over first tape on opposite side. Use squeegee to crease and tightly push the tape into the valley.

TAPE - ROOF-WALL TRANSITIONS



- Tape roof-wall seam as an “inside corner.”
- Install flashing at roof-wall transition as required by code.
- Apply LP WeatherLogic® Seam & Flashing Tape to seal the top of the flashing. The tape should cover the flashing fasteners and extend at least 2” onto the face of the panel. If necessary, use 6” tape or shingle multiple rows of 3-3/4” tape. Extend the tape at least 2” past each end of the flashing where possible.

TAPE - ROOF PENETRATIONS



- Install vent or pipe boot per manufacturer’s instructions.
- Apply LP WeatherLogic Seam & Flashing Tape to both vent/boot side flanges. Starting near the bottom, overlap tape on roofing so it will not be exposed after roofing is completed. The tape should cover the flange fasteners and extend at least 2” onto the face of the panel. If necessary, use 6” tape or multiple rows of 3-3/4” tape. Extend the tape approximately 1” past the top flange. Do NOT extend tape more than 1-1/4” above the top flange to ensure sufficient surface area for overlapping tape (next step) to bond to the panel.
- Apply tape to the top flange. As above, the tape should cover the flange fasteners and extend at least 2” onto the face of the panel. If necessary, use 6” tape or shingle multiple rows of 3-3/4” tape. Extend the tape at least 2” past both pieces of side flange tape.

LP WEATHERLOGIC® SEAM & FLASHING SEALANT

LP WeatherLogic® Seam & Flashing Sealant is a liquid-applied flashing material certified to AAMA 714-19 and is the only liquid-applied sealant approved to seal the panel joints of the LP WeatherLogic system. The sealant can also be used to flash window and door openings, material transitions, and penetrations of any shape.

BENEFITS

- 10-15 minute tooling time
- Tack-free 110 minutes, 24 hour full cure (depending on ambient relative humidity)
- Installs regardless of sequencing (no “shingling”)
- Complies with AAMA 714
- VOC compliant
- Joint movement $\pm 50\%$



GENERAL INFORMATION

- Not a structural sealant or adhesive.
- For best results, store unopened product in a dry location at or below 75° F.
- Do not use below grade or in an area that will be continuously immersed in water.
- Do not apply over frost, dirty surfaces, or standing water.
- Do not apply in temperatures of 0° F (-18° C) or colder.
- Do not dilute sealant or disturb while drying.
- Do not walk on the sealant while drying as it is slippery when wet.

PREPARATION

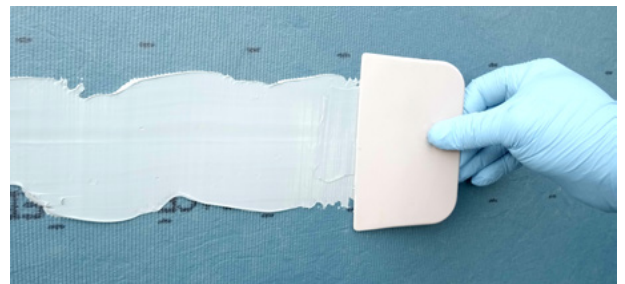
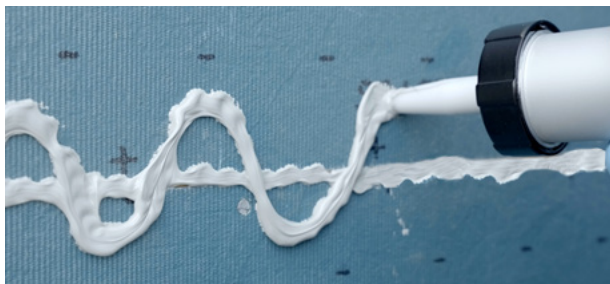
- Surfaces must be clean, dry and free of any material that may prevent adequate adhesion.
- Ensure fastener heads are fully seated and any chips or remnants of nail clips are removed to help avoid protruding through sealant when smoothing.
- Apply sealant only when ambient temperature, sealant and panel surfaces are above 0° F (-18° C). Keep the sealant warm until ready to use.
- Load 20 oz. sausage pack into appropriate sausage gun (suggest at least an 18:1 thrust ratio), cut the end of sausage and screw on nozzle tip.
- Fill all gaps wider than 1/8” with appropriate size backer rod.

CLEAN-UP

- Clean uncured material with acetone or isopropyl alcohol. Follow solvent vendor’s precautions when using solvents.
- After curing, excess sealant must be cut or scraped away.
- Clean smoothing tool frequently to avoid sealant buildup on tool.

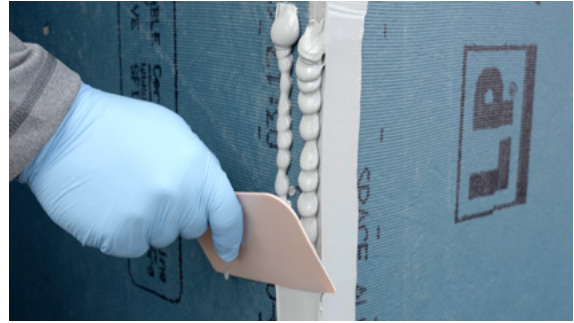
SEALANT - PANEL SEAMS

- Use only LP WeatherLogic® Seam & Flashing Sealant (as an alternative to LP WeatherLogic Seam & Flashing tape) to cover the seams between adjacent LP WeatherLogic panels.
- First apply a bead of sealant to fill the seam. Then apply either a bead in a zig-zag pattern across the panel seam or in two straight beads about 1/2" either side of seam. Use a putty knife, spatula or another dry tool to smooth the sealant, being careful not to remove or gouge the sealant. (Tip: A 4"-6" stiff metal putty knife works nicely.)
- Finished sealant coverage must be:
 - Minimum 15 wet mils thick and, to avoid thin spots on uneven areas, until the blue overlay is not visible.
 - Minimum 1-3/4" wide on each side of the seam and at least 1-1/4" past nail heads.
- For roof seams, follow instructions above.
 - If using H-clips, apply additional sealant over and around the clips, filling all gaps and covering at least 1" beyond the edges of the clips.
- Examine sealant for any gaps or holes. Apply additional sealant as needed.



SEALANT - CORNERS

- Apply a bead in the gap between corner panels and on both sides of the corner.
- Finish as above for panel seams. (Tip: A corner trowel may help.)
- Examine sealant for any gaps or holes. Apply additional sealant as needed.



SEALANT - WINDOWS AND DOORS

- Apply LP WeatherLogic® Seam & Flashing Sealant into gap between the LP WeatherLogic panel and the framing.
- Apply a bead in parallel lines or zig-zag pattern throughout the entire rough opening, over any visible gaps, and into the corners.
- Apply sealant at a 6" minimum above the window sill from the rough opening connecting the exterior vertical wall.
- Spread sealant smooth with a putty knife, spatula or other dry tool to create a mil thickness of approximately 15 mils and, to avoid thin spots on uneven areas, until the blue overlay is not visible. Be careful not to remove or gouge the sealant.
- Allow sealant to dry to touch and does not transfer (tack-free) before installing windows or doors.
- For window flanges, apply sealant over the jamb and head flanges only, and smooth to cover at least 1-3/4" onto the LP WeatherLogic panel.
- Examine sealant for any gaps or holes. Apply additional sealant as needed.



SEALANT - PENETRATIONS (PIPES, VENTS, ELECTRICAL BOXES, ETC.)

- Fill gaps wider than 1/8" with backer rod or approved filler.
- Apply the sealant directly in the gap and then apply a bead on the LP WeatherLogic® panel completely around the penetration.
- Spread sealant smooth with a putty knife, spatula or other dry tool to cover at least 1" onto the LP WeatherLogic panel at a minimum 15 wet mils and onto the penetrating material, being careful not to remove or gouge the sealant.
- Examine sealant for any gaps or holes. Apply additional sealant as needed.



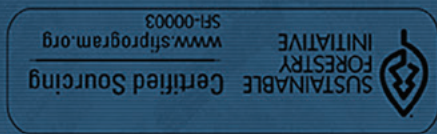
SEALANT – FOUNDATION TRANSITION

- Fill gaps wider than 1/8" with backer rod or approved filler.
- Apply a bead in the seam created between the foundation and the LP WeatherLogic panel.
- Then apply a bead in a zig-zag pattern about 1" above and below the joint.
- Finish as above for panel seams, also covering a minimum 15 wet mils thick and 1-3/4" onto the foundation surface.
- Examine sealant for any gaps or holes. Apply additional sealant as needed.



WeatherLogic[®]
AIR & WATER BARRIER

**MOISTURE
MANAGEMENT
TECHNOLOGY
FOR A BETTER
BUILD[®]**



**APA PR-N138
INTERTEK GCRR-0319**

DEFEND YOUR BUILD[®]

⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

© 2023 Louisiana-Pacific Corporation. All rights reserved. SFI and associated logo are registered trademarks of the Sustainable Forestry Initiative. APA and APA Product Report are registered trademarks of The Engineered Wood Association. ASTM is a registered trademark of the American Society of Testing Materials International. Intertek is a registered trademark of Intertek Group PLC. All other trademarks are owned by Louisiana-Pacific Corporation.