



CROWN PVC SHIPLAP PREMIUM PVC PRODUCTS

Product Description

Crown Composite's advanced 100% cellular PVC shiplap is a groundbreaking product in the siding industry. Our innovative cellular PVC polymers enhance the product's density, improving its stability, durability, and natural resistance to weather. Thanks to our unique manufacturing process, we are able to factory-seal both the front and back of the siding. Our shiplap distinguishes itself from wood and other siding options by eliminating exposed, unfinished PVC surfaces or edges. This thoughtful design significantly reduces the risk of moisture retention and mold growth, ensuring a durable and low-maintenance solution for your home.





CROWN PVC SHIPLAP INSTALLATION GUIDE

Preparation

- Install over solid sheathing (plywood or OSB) at least ½" thick or equivalent.
- Install over a properly installed weather-resistant barrier (e.g., house wrap).
- Flash all wall openings and penetrations per local building code, and windows and doors per manufacturer recommendations.
- Crown PVC Shiplap boards are not a watertight barrier. Crown shiplap boards can be installed over furring strips using screws and plugs, Add framing blocking at all butt joints for this application

Storage

- Store Crown PVC shiplap on a flat, dry surface prior to installation. Storage temperature can't exceed 120 degrees Fahrenheit, Protect items from rain and water during storage.

Cutting

- Crown PVC products are made of 100% cellular PVC; no special tools are required for cutting or installation. Standard woodworking tools are sufficient for all installations.

General specs

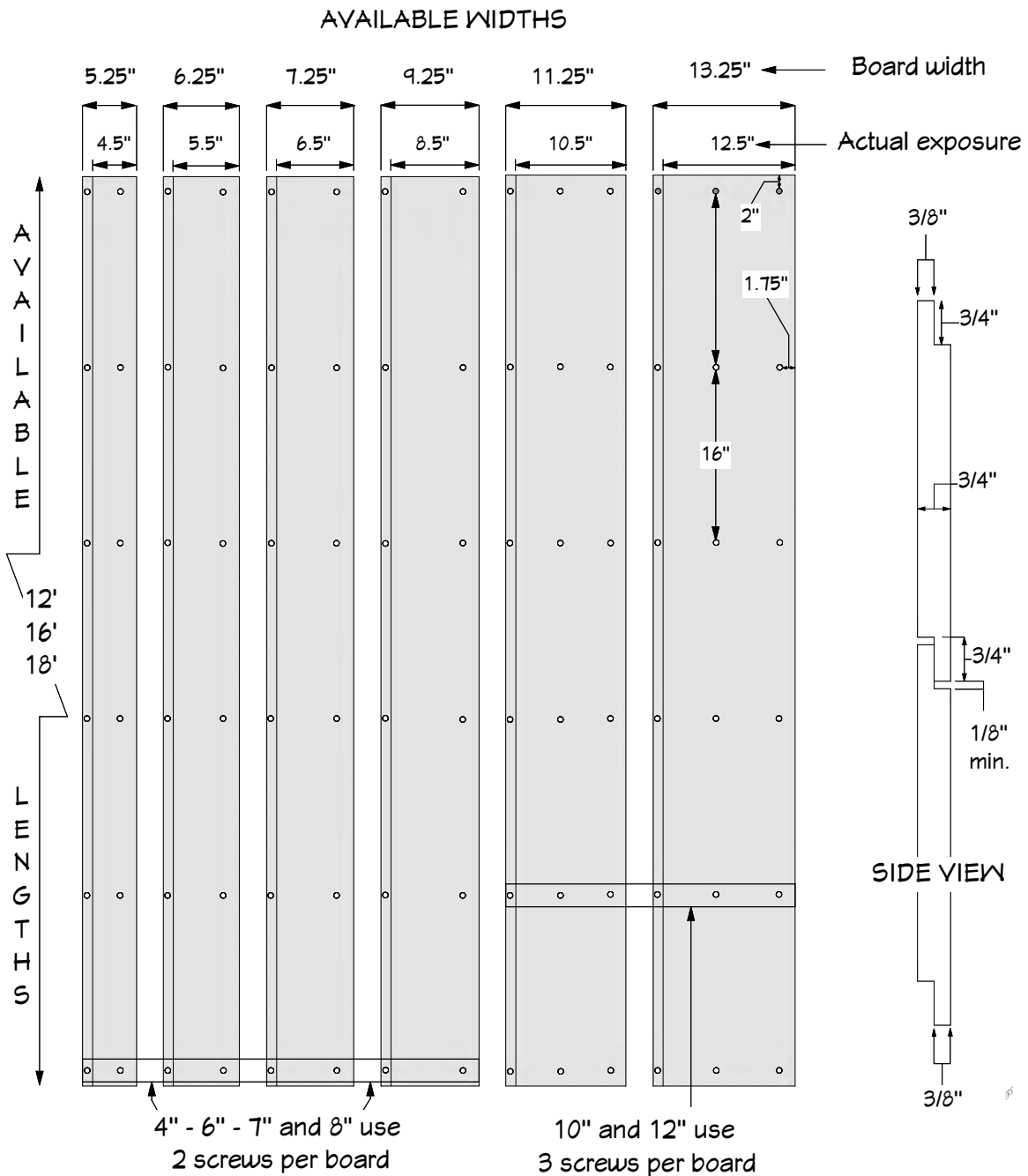
- Avoid dragging the material, as it may get scratched.
- Allow the boards to acclimate to project/site temperature. Provide a 3/16" expansion gap at the ends of the boards when installing in temperatures lower than 32 degrees Fahrenheit.
- When shiplap boards' protective film is removed, make sure to place back protective film between the boards before restacking them.
- Do not use a moisture barrier that requires cap nails, or remove caps before installing Crown shiplap. Cap nails will prevent the product from lying flat.
- Flatten and clean any obstructions on the wall areas as much as possible.
- Crown Shiplap can be carved up to a maximum of 1/4 inch from the back to accommodate any structural hardware required by code.



CROWN PVC SHIPLAP

Available lengths and widths

- Crown PVC Shiplap comes in widths 1x5.25" to 1x13.25" nominal size
- Actual exposure 3/4"x 4" - 3/4"x 6" - 3/4"x 7" - 3/4"x 8" - 3/4"x 10" - 3/4"x 12"
- Length 12' - 16' - and 18' footers





CROWN PVC SHIPLAP

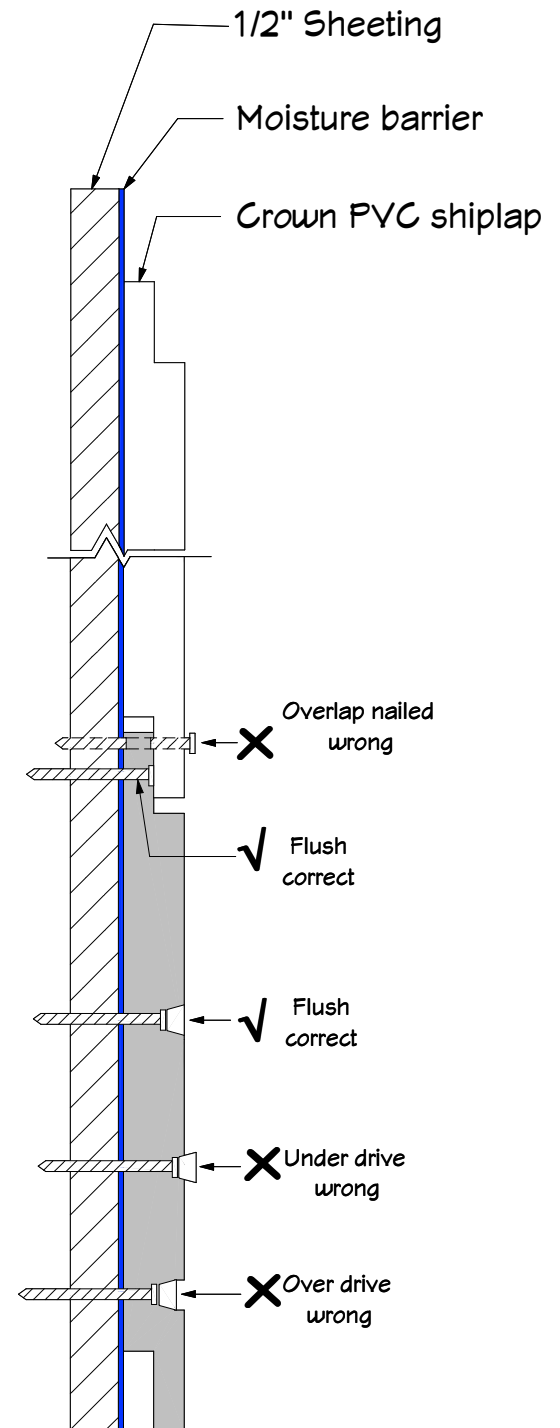
Fastener depth guide

Fastening specs

Shiplap fasteners required

Notes

- For boards 4", 6", 7" and 8" wide, 2 fasteners per board are required @ 16" O/C.
- For 10" and 12" wide, 3 fasteners per board are required @ 16" O/C
- Apply adhesive to miter corners and butt joints to minimize movement, expansion and contraction gaps are inevitable due to thermal contraction and expansion
- Fasten 2" from the end cuts and 1-3/4" from the lateral outer edges.
- Fasteners must penetrate 1/2" into solid substrate (1/2" OSB, CDX plywood or equivalent)
- Use exterior-grade ring shank (5D stainless) siding nails or Crown screws and plugs system
- Do not overdrive — overdriving could cause premature fatigue of the PVC materials resulting in lost grip.
- Do not underdrive—shiplap may become loose over time.
- 1/8" min. to 1/2" max. Space between shiplap pieces is recommended
- Never fasten two boards together; independent lateral movement of boards should be maintained

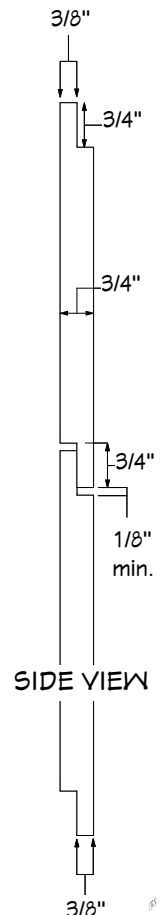
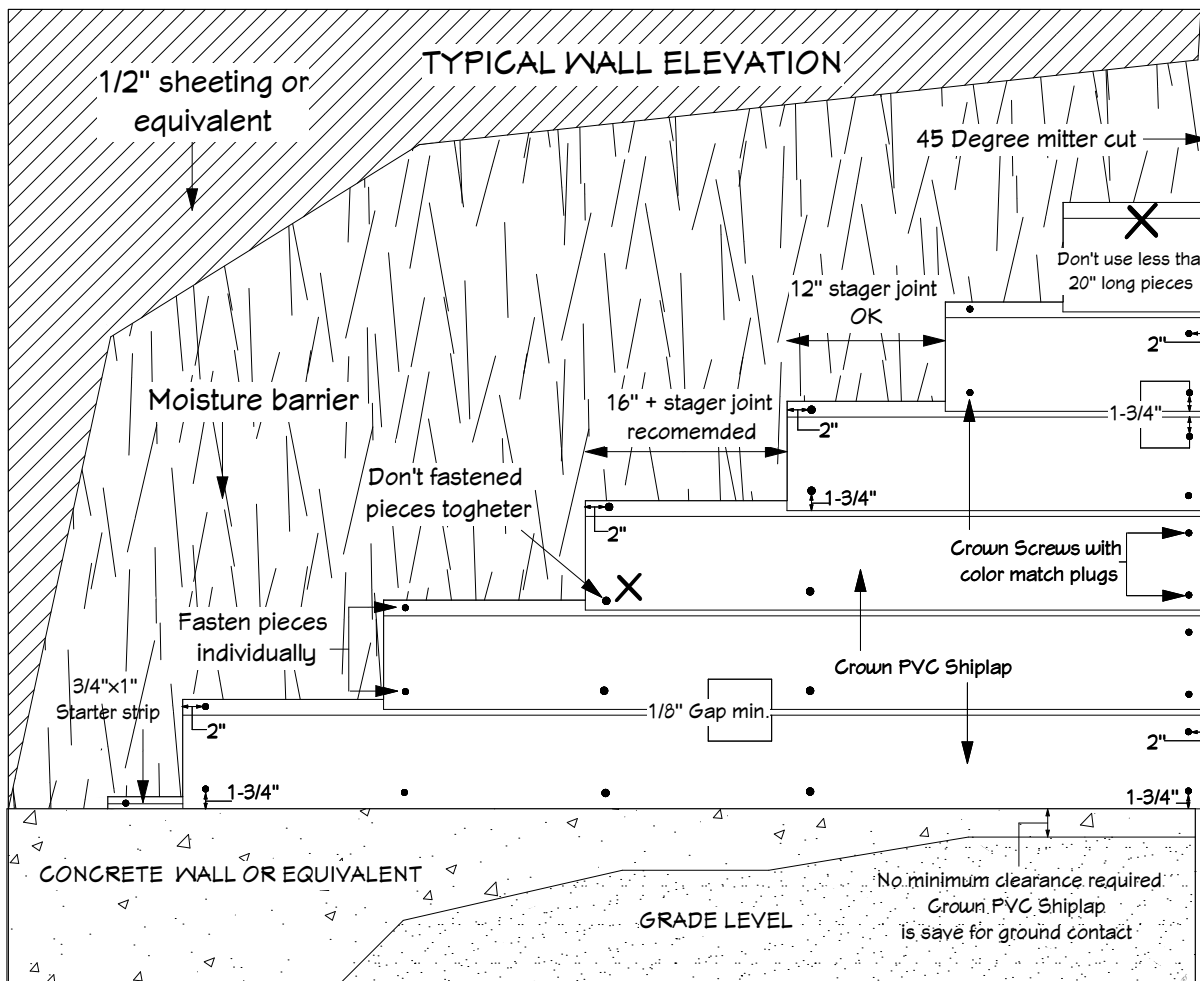
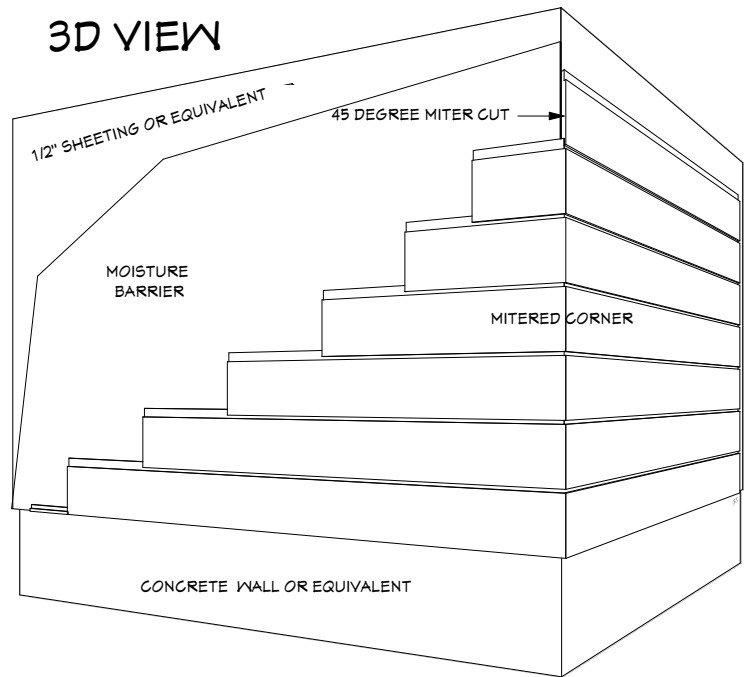




HORIZONTAL INSTALLATION WITH MITERED CORNER

1. Install starter strip and secure with finish nails. Level and plumb
2. Cut Crown PVC shiplap boards at 45 degrees and align perfectly at corners
3. Install first course level and plumb
4. Screws at 2" inches from the end of the board and add 2 screws per board
5. Install next courses, keeping a minimum of 1/8" gap between courses
6. Do not fasten shiplap pieces together always fasten shiplap boards individually

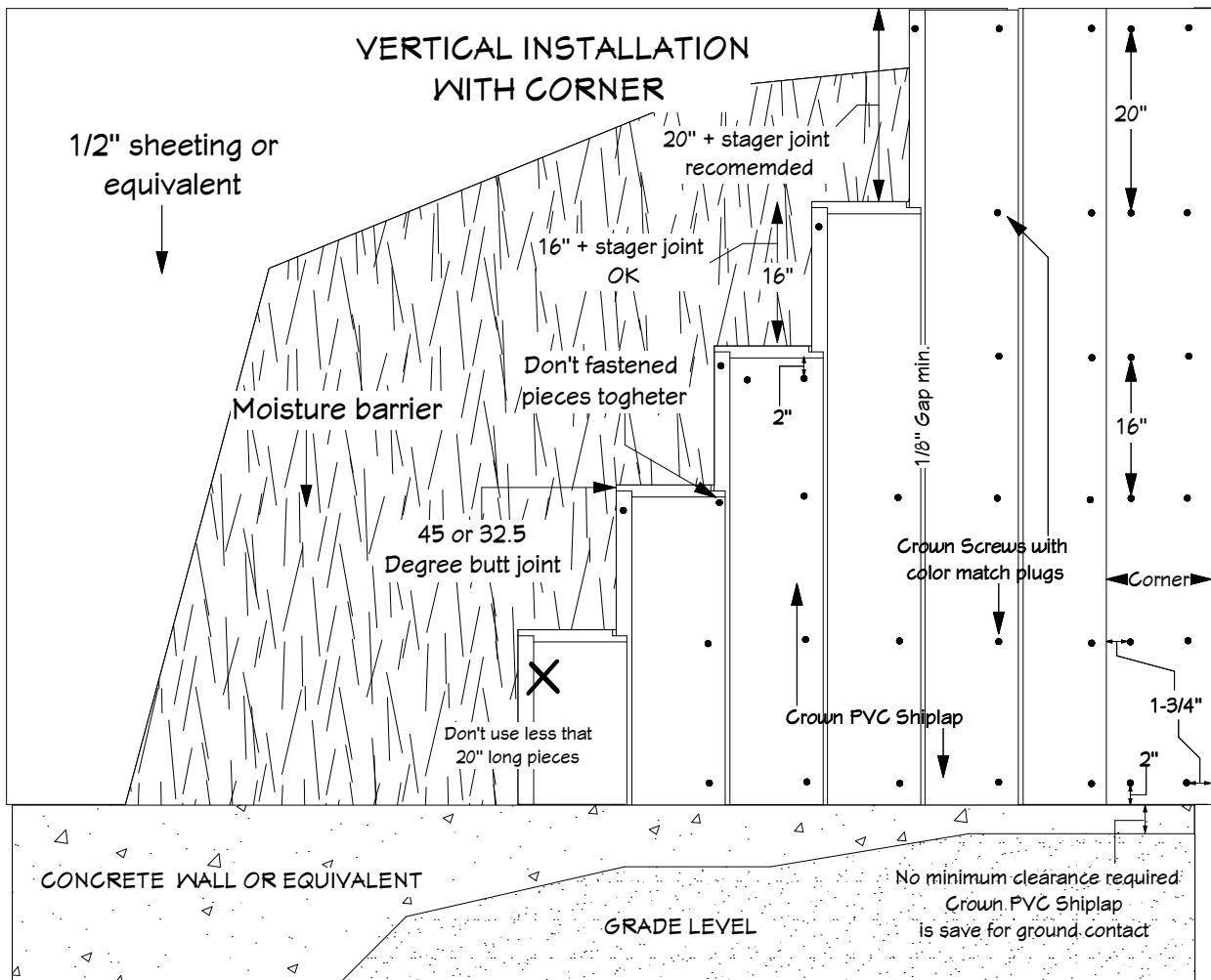
3D VIEW





CROWN PVC SHIPLAP VERTICAL INSTALLATION WITH CORNER

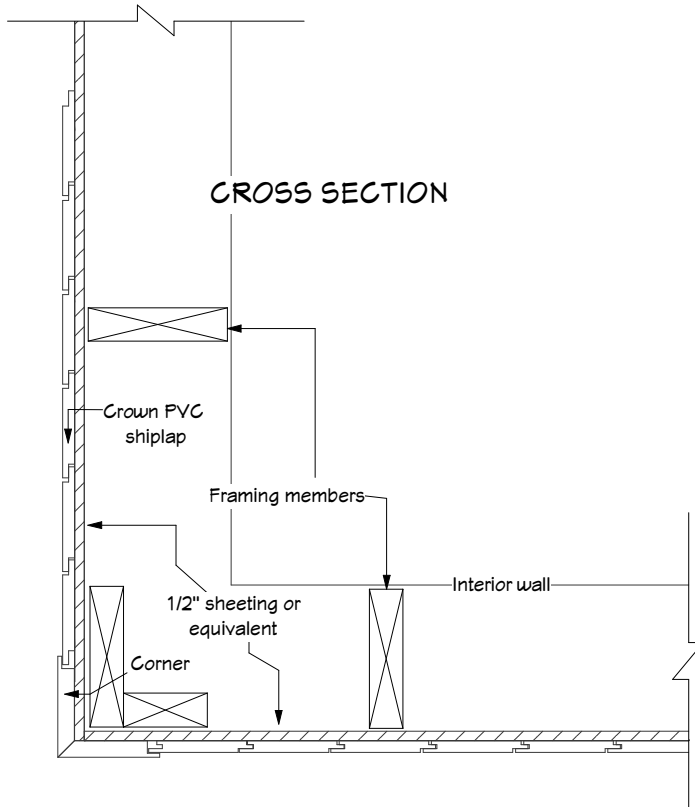
1. Determine shiplap height from the ground up.
- Cut the Crown PVC shiplap boards square at both ends if one board is long enough to cover the entire wall area.
3. Install the first course level and plumb
4. Rabeted corners should overlap shiplap, maintaining a 1/8" gap between pieces to allow for thermal expansion and contraction.
5. Screws at 2" inches from the end of the board and add 2 screws per board
6. Install next courses, keeping a minimum of 1/8" gap between courses
7. Do not fasten shiplap pieces together always fasten shiplap boards individually



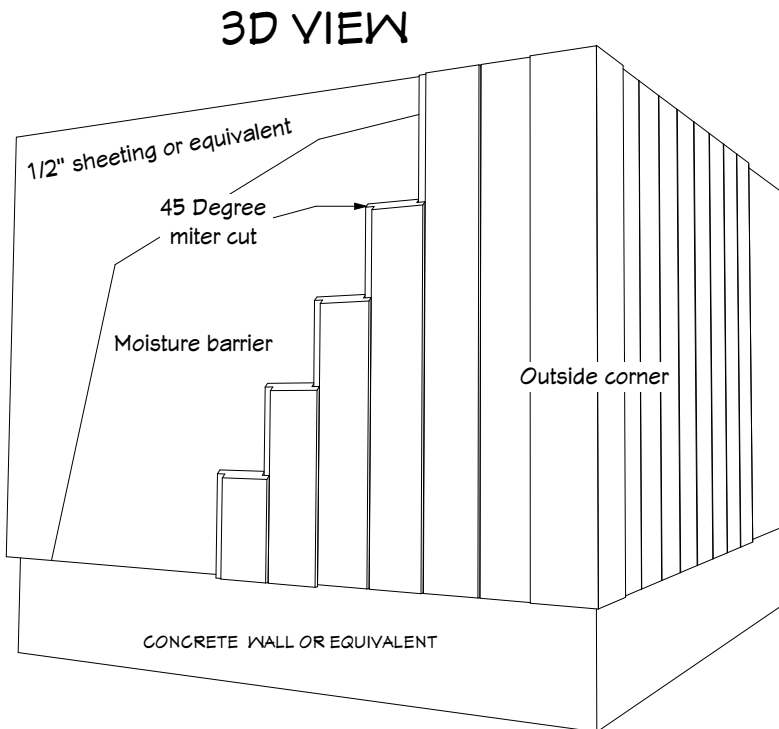
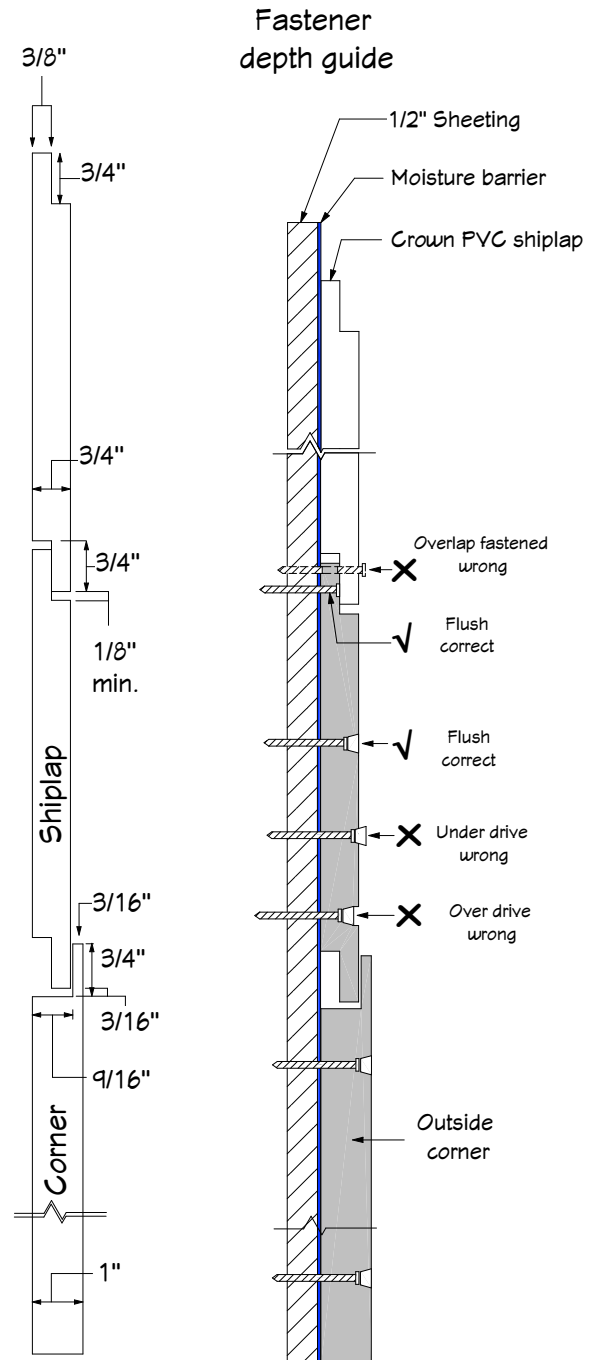


CROWN PVC SHIPLAP

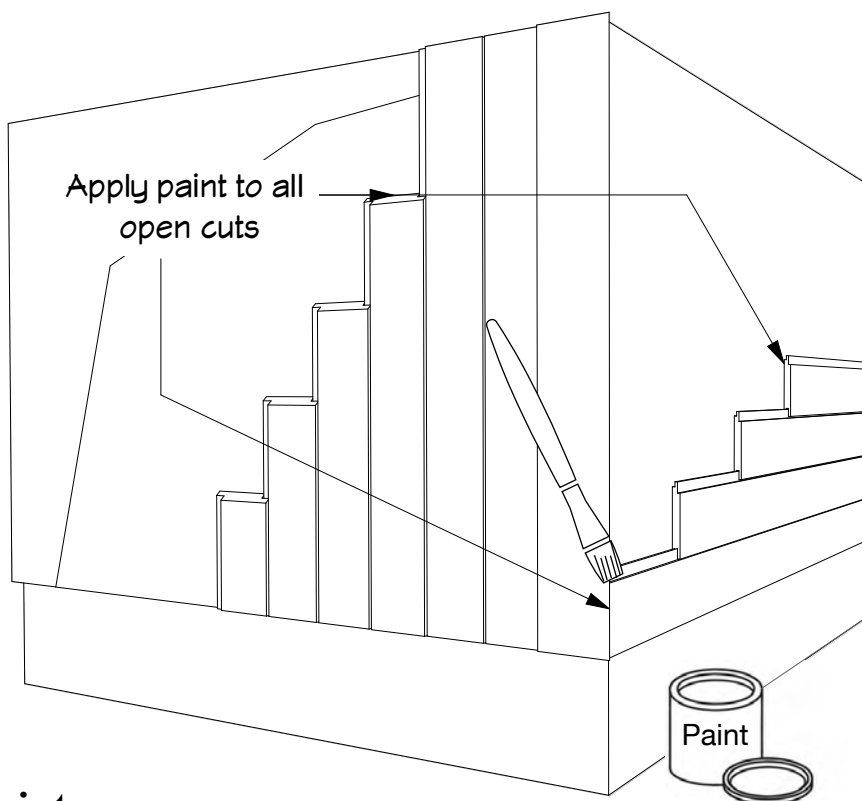
VERTICAL INSTALLATION WITH CORNER



TOP VIEW



CROWN PVC SHIPLAP PAINT TOUCH UP



Touch-up, re-painting & maintenance

Shake touch-up paint well. Test on a piece before use to ensure color match. Apply to all visible cuts and damaged edges. Hidden cuts don't require paint. Crown PVC shiplap boards are water and moisture resistant

The touch-up paint/stain is specifically designed for use on areas that have been cut during installation and require restoration. It is important to apply the paint/stain only to these affected spots, as using it on factory-coated surfaces can lead to uneven coloring and an undesirable finish. Always ensure that the area you're treating needs a touch-up to achieve the best results.

Do not repaint the entire area; Field paint application voids the warranty. If repainting is needed, use a paint with Light Reflective Value (LRV) of 50 or greater.

Preferred paint: Benjamin Aura® or PPG Breakthrough® or Exterior 100% Acrylic Latex Satin.

Crown PVC products are easy to clean; just mix water with mild detergent or a household cleaner. For mold or mildew, use a gentle solution like a 10-part water-by-1-part bleach mixture or products like Wet & Forget® or Simple Green®, but be sure to test a small area first.

Lightly spray the cleaning agent onto the surface with a garden spray pump or a nylon cleaning brush, then rinse with plenty of water. Avoid high-pressure washers to protect brushed or sand-textured surfaces.