

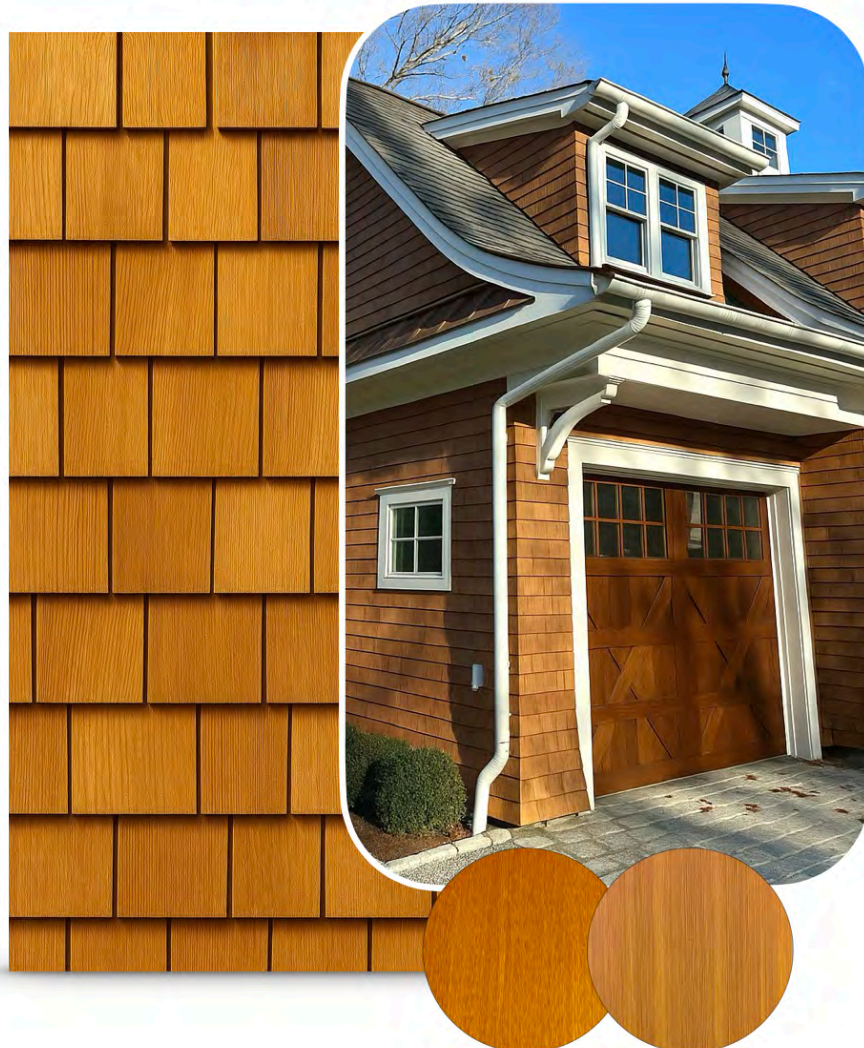


CROWN PVC SHINGLES

PREMIUM PVC PRODUCTS

Product Description

Crown Composite's advanced 100% cellular PVC shingles represent a breakthrough in the siding industry. Our innovative cellular PVC shingles come in two lengths: 13" and 16". To create 4 different exposures from 5" to 7" inches. Our PVC polymer technology delivers superior density, harder outer surfaces, and a honeycomb core for exceptional flexibility, enhancing stability, durability, and natural weather resistance. Our unique manufacturing process lets us factory-seal both sides of the siding. Our shingles stand out from wood and similar 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.

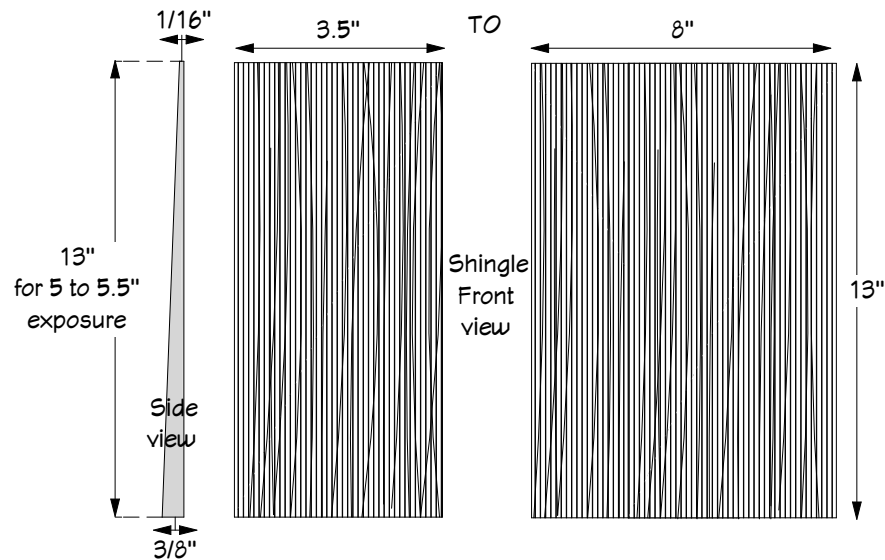




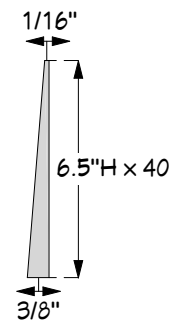
CROWN PVC SHINGLES

RANDOM & CUSTOM SIZES GUIDE

SHINGLES STANDARD SIZES

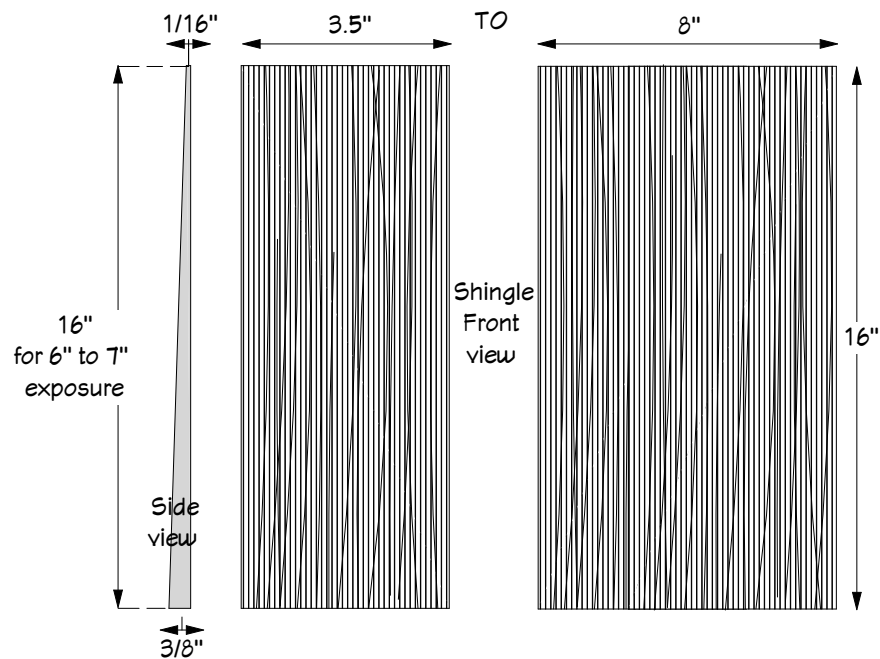


Custom starter strip
for 13" shingles

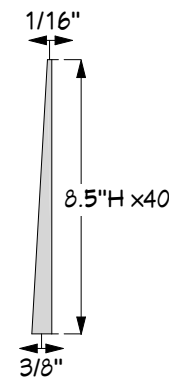


BRUSHED AND SMOOTH SURFACE AVAILABLE

SHINGLES STANDARD SIZES



Custom starter strip
for 16" shingles



BRUSHED AND SMOOTH SURFACE AVAILABLE



CROWN PVC SHINGLES

INSTALLATION GUIDE

General information

- 13" Shingle → recommended for 5" to 5.5" exposure
- 16" Shingle → recommended for 6" to 7" exposure
- 6.5" x 40" custom starter strip for 5" to 5.5" exposure.
- 8.5" x 40" custom starter strip for 6" to 7" exposure
- 1/8" Min. keyway between shingles. 1/4" Max.
- Apply adhesive to the back of all small cut-out/filler pieces
- Calculate courses: Measure wall height divided by desired exposure. Adjust to align with window tops or bottoms if possible to avoid small courses.
- Crown PVC Shingles can be cut and drilled using standard woodworking tools.
- Repaint or stain all visible cuts edges for cosmetic purposes.
- Crown PVC shingles are moisture- and water-resistant. Proprietary brushing patterns vary per shingle — always compare against approved samples before installation.
- Reject any shingle that appears defective, damaged, or improperly coated.

Preparation

- Install over solid sheathing (plywood or OSB) at least 1/2" 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 window/door manufacturer recommendations.
- Crown PVC Shingles are not a watertight barrier. Do not use Cedar breather rainscreen.
- Don't install over open framing or furring strips.

Storage

- Store Crown PVC Shingles on a flat, dry surface prior to installation.
- Protect items from rain and water during storage.
- Storage temperature must not exceed 140 degrees Fahrenheit.
- Winter storage temperature should be around 36 to 40 degrees Fahrenheit for proper installation.
- Protect paint touch-up from freezing or overheating.



CROWN PVC SHINGLES

Cutting

- Crown PVC products are made of 100% cellular PVC. No special tools are required for cutting, drilling, or installing; standard woodworking tools are sufficient for all installations.



Wood
&
PVC



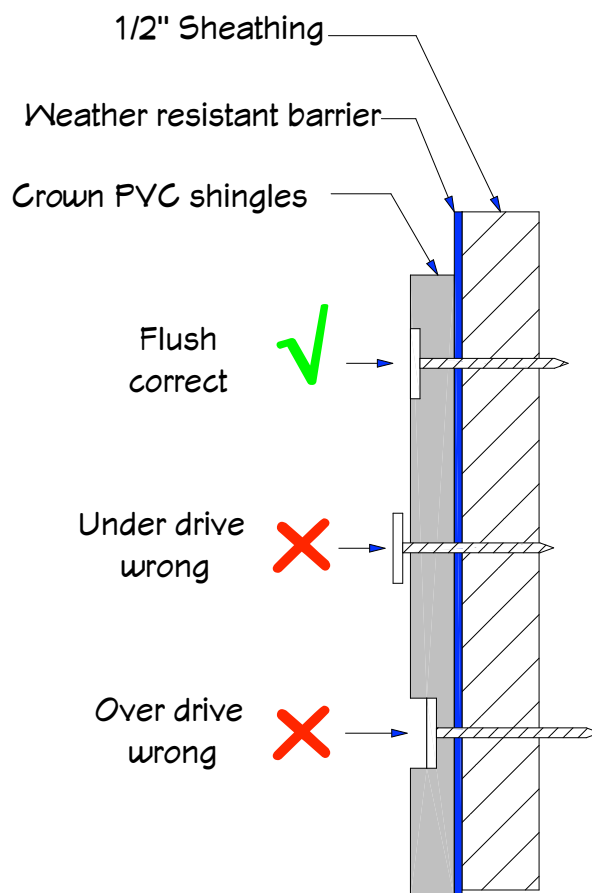
Nail depth guide

Fastening specs

Shingle width: fasteners required

Notes

- 3.5" - 4" - 5" - 6" wide 2 fasteners 7", 8" wide 3 fasteners
- Apply adhesive to the back of each shingle when dark colors are used with an LRV under 30
- Fasteners: ~3/4" from the lateral edge and no more than 1-1/4" above the exposure line.
- Fasteners must penetrate 1/2" into solid substrate (1/2" OSB, CDX plywood or equivalent)
- Use exterior-grade ring shank (5D stainless) siding nails
- **Do not overdrive** — overdriving causes lifting or cracking of shingles.
- **Do not underdrive** — shingles may get loose over time.

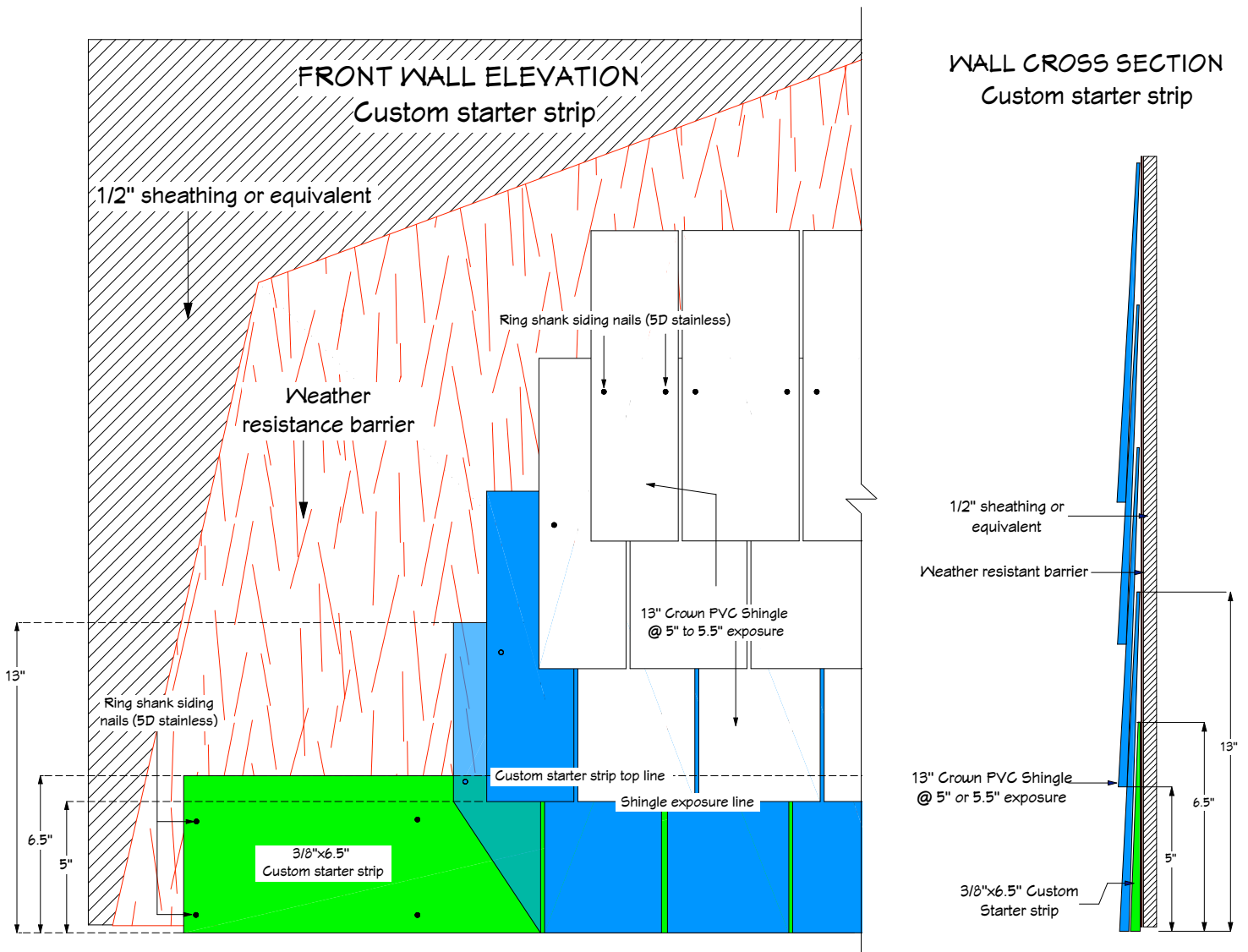


CROWN PVC SHINGLES INSTALLATION

Starters Courses

Option #1 Custom starter strip: Install 3/8" x 6.5" or 8.5" starter strips, depending on desired exposure, using ring-shank 5D siding nails, spaced starter strip 3/16" apart; do not butt-joint tightly. The 6.5" starter strip is for 5" to 5.5" exposure. The 8.5" starter strip is for 6" to 7" exposure.

Option #1

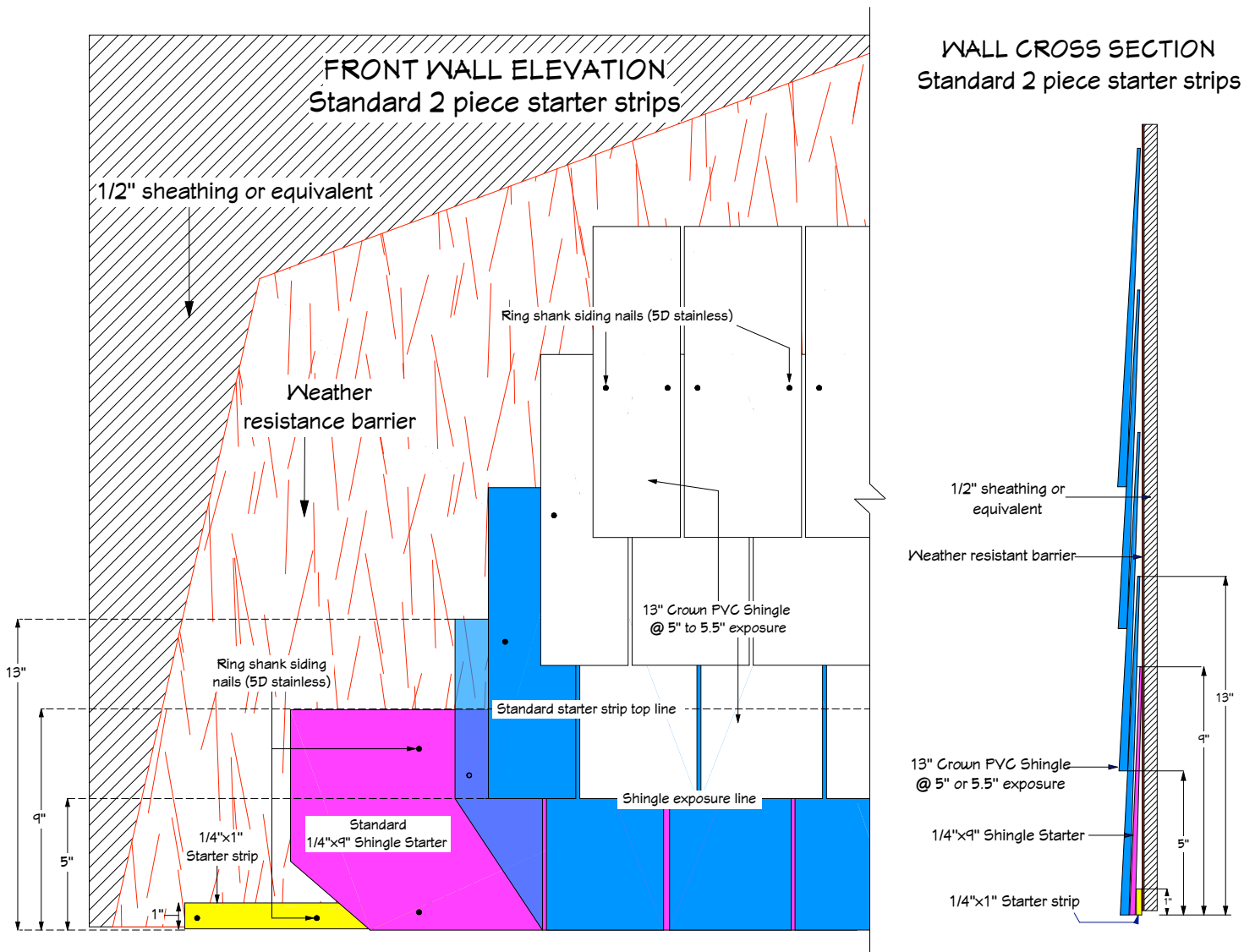


CROWN PVC SHINGLES INSTALLATION

Starters Courses

- Option #2 Standard 2-piece starter course: Trim the bottom of shingles 4 inches, use the top half as the starter course, and combine it with a strip of PVC trim, 1/4" x 1", ripped from a PVC trim board to create the proper angle.

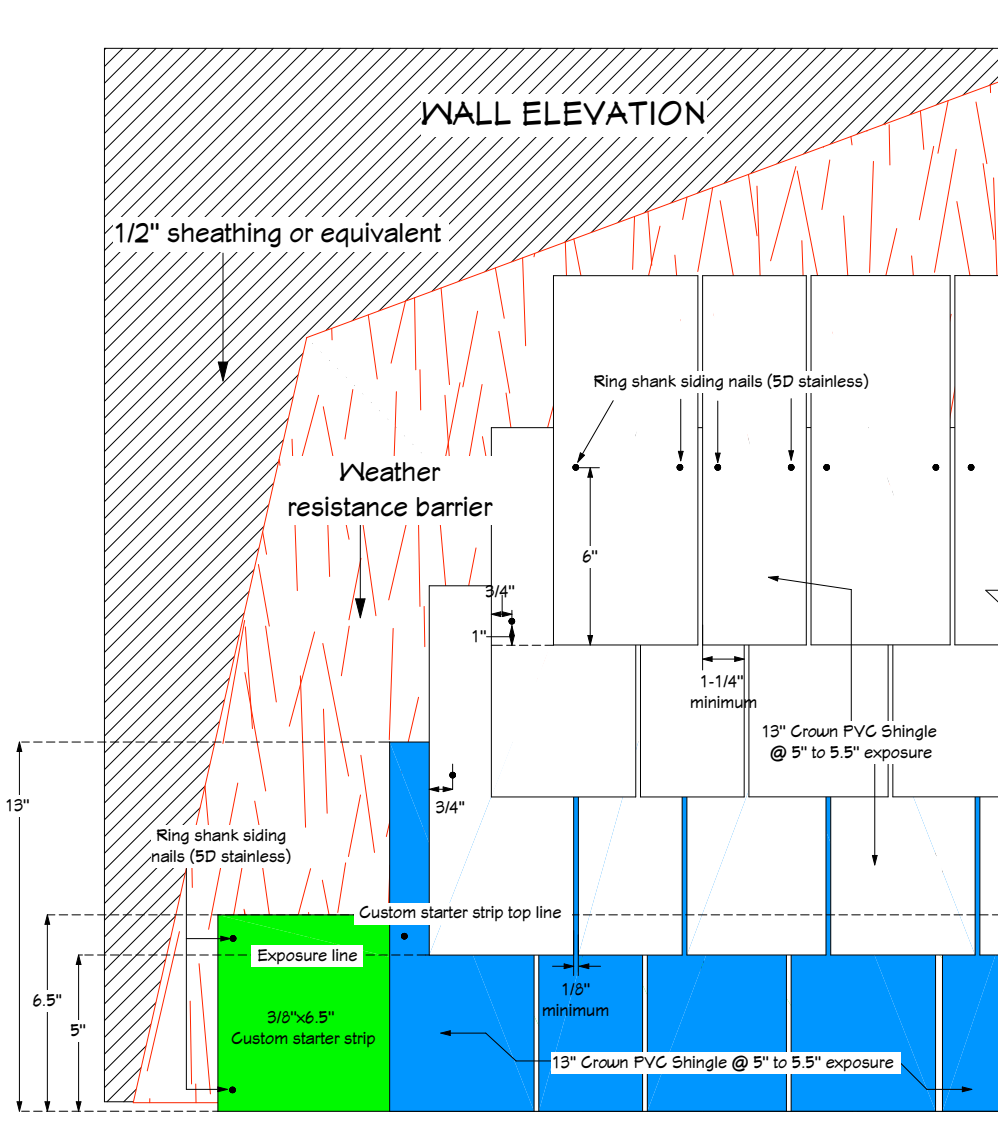
Option #2



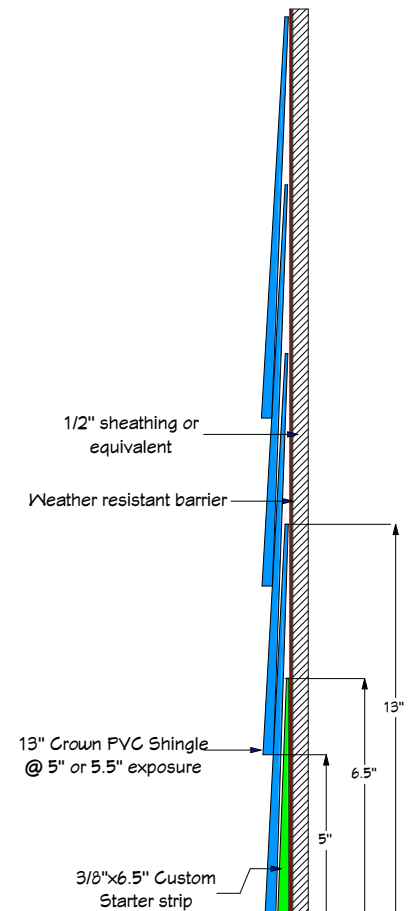
CROWN PVC SHINGLES

Consecutive courses

- Install Crown PVC shingles over the starting course, properly aligning bottom edges using ring-shank 5D siding nails use 2 nails per shingle 3.5"- 4"- 5"- 6" wide, and 3 nails for 7" and 8" wide
- Install consecutive courses over the first completed course at the desired exposure and repeat the fastener sequence 2 nails per shingle 3.5"- 4"- 5"- 6" wide and 3 nails for 7" and 8" wide, successive course keyways must be offset by at least 1¼"; keyways in alternate courses should not align
- Secure the final course at any termination with 18-gauge stainless finish nails and adhesive. Ensure adhesive is above 40°F before installation. Lexel® clear caulk or OSI Quad Max® color-match caulk are recommended. Or any other exterior-grade elastomeric caulk is suitable for this application



WALL CROSS SECTION
Custom starter strip



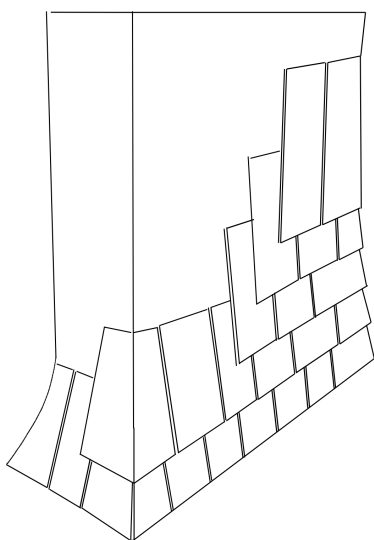


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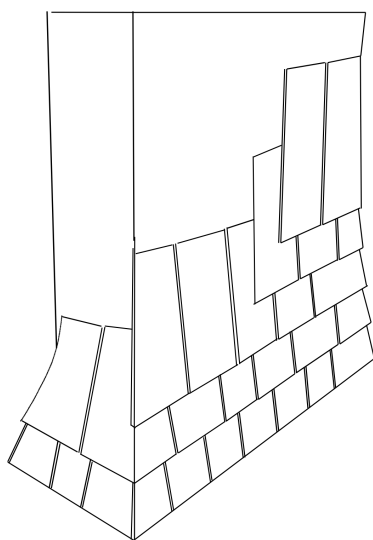
Woven corner and flares

- Woven corners (laced): Overlap every other course with adjoining wall counterparts. Cut with a table saw or utility knife. Paint exposed end cuts using paint touch-up kit.
- For flares with a 25-degree ratio or less. Crown PVC Shingles are flexible enough at room temperature (70 degrees Fahrenheit). At this temperature, no additional heat is needed for installation.
- Flares with more than a 25° angle. Use a heat blanket or heat gun, not exceeding 150 degrees Fahrenheit. Do not apply too much heat directly to the shingles' finish surface.
- Gently warm the back surface of the shingles and vent shingles to create the desired ratio.
- Store shingles in a warm area like a heated garage or heated space for this application
- For aggressive flares, pre-drilling holes and hand nailing is the recommended procedure.

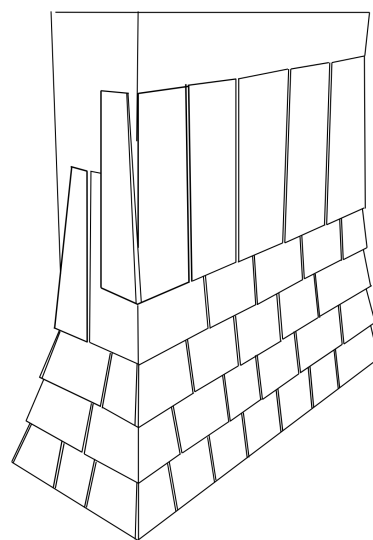
Step #1



Step #2



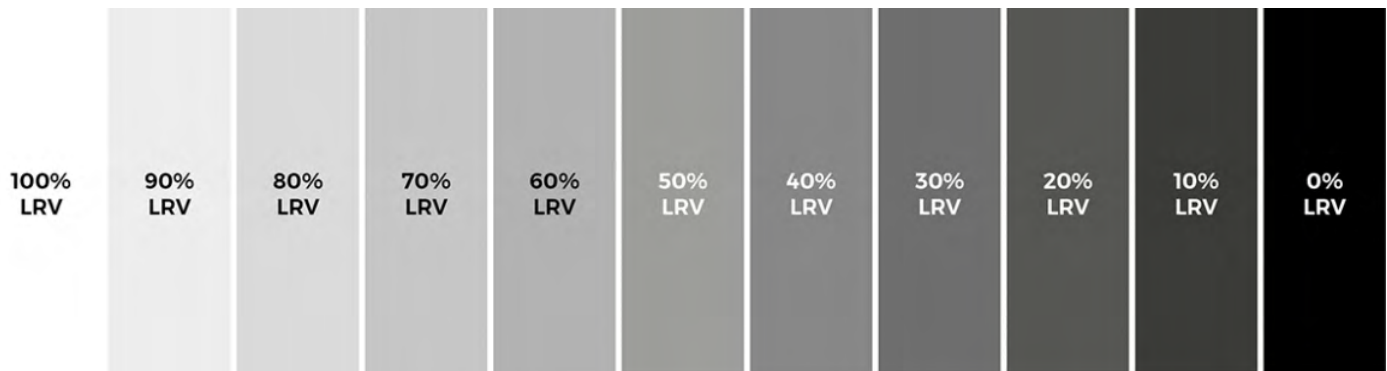
Step #3



CROWN PVC SHINGLES

General notes

- Install PVC shingles at temperatures above 32 degrees Fahrenheit during winter.
 - In freezing conditions, shingles may become brittle, and high impact from pneumatic tools could crack them
 - In freezing conditions, install shingles using ring shank siding hand nails to avoid cracking
 - Avoid touch-up paint in freezing conditions. Apply touch-up paint at a temperature of 40°F and above
- Crown PVC shingles are moisture- and water-resistant. Paint touch-up is for cosmetic purposes only.
- Crown PVC shingles box coverage is 25 square feet, four boxes are needed for 1 SQ
 - Crown PVC products are pre-finished with Crown Pro-Tech solar reflective paint and staining finish system for superior weather durability and low maintenance.
 - Light Reflectance Value (LRV) is measured on a range of 0% to 100%. The scale below illustrates this: 0% represents absolute darkness, and 100% represents a completely reflective white



PVC shingles Advantages



Lightweight

Easy to work with &
Superior stability



Workability

Easy to cut & safe to work
0% harmful silica sand



UV Resistant

Solar-reflecting finish
Slow outdoor aging



Weather Resistant

Rot resistant
Moisture resistant



Insect Resistant

Great for outdoor
Safe for ground contact



Self extinguishing

Meets ASTM E84
Class A

CROWN PVC SHINGLES

Touch-up, repainting & 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 shingles 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 is in need of touch-up to achieve the best results.

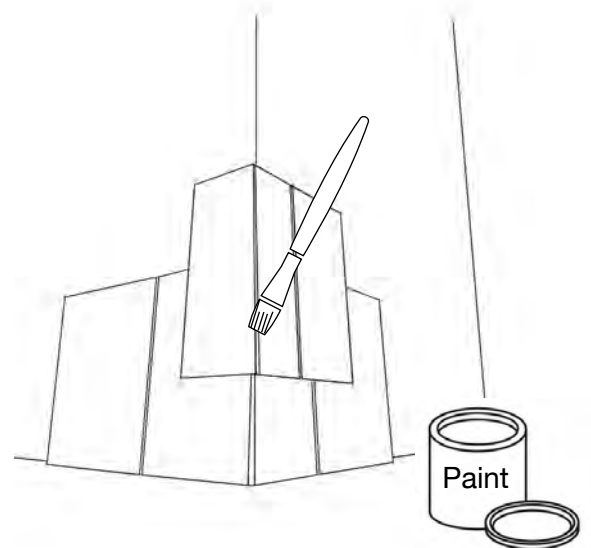
Field paint application will void the factory paint warranty. If, for any reason, repainting is needed, use a paint with a Light Reflectance Value (LRV) of 50 or greater.

Preferred paint: Benjamin Moore Aura®, PPG

Breakthrough®, or other exterior-grade paint, 100% Acrylic Satin or low-luster finish. Dark colors will be hard to match with regular household paint brands.

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-to-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 prevent damage to the brushed texture.



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