Coronado Flat Tile Installation

Measure & Mark Vent Opening Placement

1. Locate the trusses and mark your opening from the inside of truss to inside of truss, which should be 22.5" with 24" on center trusses (see step 6 below if less than 24" O.C.). Your final opening will be 22.5" wide by 7.5" tall.
2. Make the initial mark at 2" above the tile batten (or above the tile course line if not using battens). (See illustration below).
3. Make the second mark 7.5" up from the initial 2" mark.
4. Make the third mark at 22.5" left or right (depending on the hole placement) from the second mark.
5. Make the fourth mark 7.5" down from the third mark.
6. With a chalk line, snap lines to all 4 corners to create a 7.5" x 22.5" rectangle between the trusses.

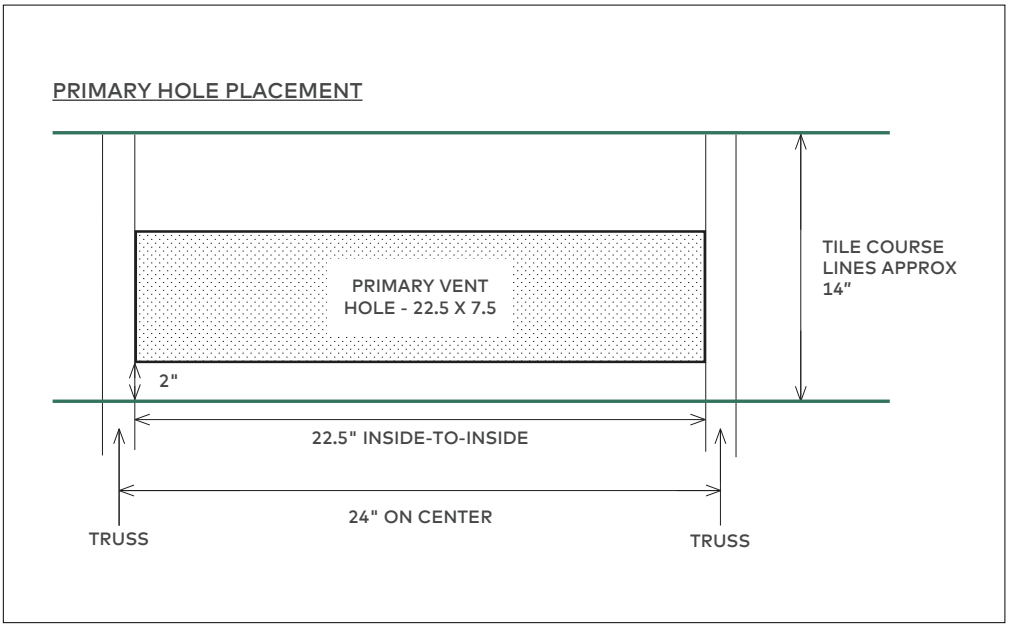
Cutting the Primary Vent Opening

7. Cut out the roof deck based on your marks made in previous step. If trusses are less than 24" on center, set your blade depth to the appropriate height to avoid cutting through the rafters.
8. Remove the cut piece of the roof deck and clear away any remaining debris.
9. Blow off or sweep the surrounding work area.

Placing the Primary Vent

10. Apply plastic roof cement to the bottom side of the primary vent. Note: Modified plastic roof cement is preferred.
11. Place the primary vent centered over the vent hole and press down to fully embed the sealant.
12. Fasten the perimeter of the vent at 3" O.C. using 1" (minimum) corrosion-resistant roofing nails.
13. Apply plastic roof cement 4" wide around the primary vent flange, half on it and half on the roof deck.
14. CAUTION: Keep plastic roof cement 3/4" away from the vent's raised lip.
15. For the bib-over, cut a min 30" underlayment piece and center it over the primary vent.
16. Use a knife edge (or similar tool) to mark the opening by tracing the raised lip perimeter.
17. Carefully cut out the primary vent shape from the underlayment.
18. Embed the bib sheet into the sealant by pressing firmly around the entire vent.
19. Tuck the bib sheet under the base underlayment above the vent, and install the batten (if using the batten method).

See next page for Flat Tile Secondary Vent Install



How to Install

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CORONADO™ VENTS

Flat Tile Secondary Vent Install

1. Once the primary vent is in place and sealed (please see previous steps), it is time to install the Secondary Vent - "Flat Tile Vent."
2. Upon installing the concrete tile from right-to-left, in the same course as the primary vent, (once all tiles in the courses below have been installed), and once the primary vent is reached, stop with a full piece of tile as soon as it encroaches the primary vent, but not before it encroaches the primary vent. (see illustration below). ****Note** it is important that there are no tile-to-tile joints over the primary vent - the only joints should be tile-to-vent (see below).
3. Now slide the right edge pocket / C-channel of the secondary flat tile vent over (and under) the left edge of the last piece of concrete tile that ended over the primary vent. ****Note** - it is very important to slide the secondary vent all of the way to the right until it stops and the concrete tile is fully engaged with the secondary vent.
4. Apply a bead of polyurethane sealant 1.5–2" from the low end of the vent, from left to right, to create a seal between the vent flange and the course below.
5. Install (1) 2" electrogalvanized nails in at the provided nails holes.
6. Install the adjacent concrete field tile, ensuring the tile's side channel engages with the vent's side channel.
7. Install the adjacent and surrounding roof tiles.
8. Installation complete.

****Note** - it is extremely important that the concrete tile be installed with a minimum 3" overlap.

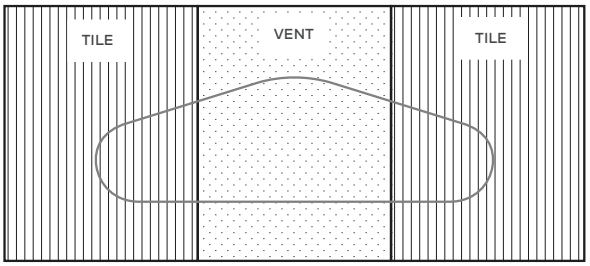
3/12 Roof Pitch is the minimum slope allowed

Local building codes and roofing practices vary by jurisdiction. Always follow local building codes and best practices for your specific project.

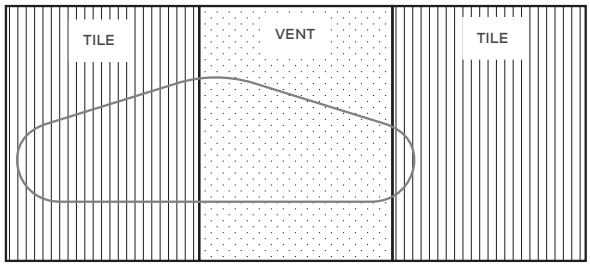
For code compliance questions, please consult your local building inspector.

For more information about our vents, visit **coronadovents.com**

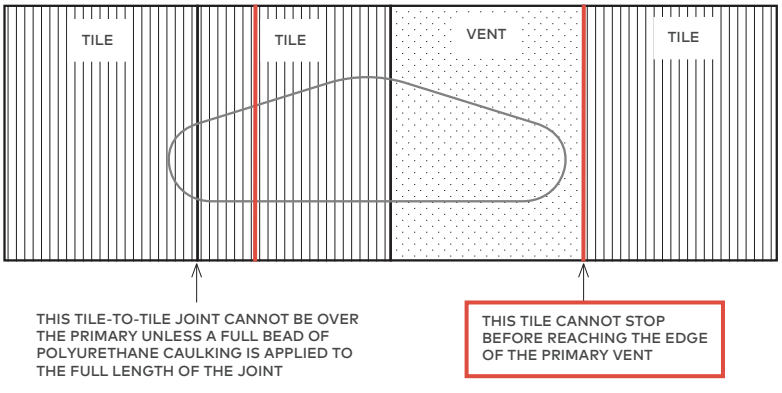
✓ OPTIMAL - CENTERED VENT



✓ ACCEPTABLE - OFF-CENTERED VENT



✗ NOT ACCEPTABLE - TILE JOINT OVER THE PRIMARY



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