

Vented RidgeCrest™

Application Instructions

Updated: 01/09



***Your Best And Safest Choice...
Quality You Can Trust Since 1886!***



VENTED RIDGECREST™

APPLICATION INSTRUCTIONS

GENERAL REQUIREMENTS

- Do not attempt to ventilate the hips with Vented RidgeCrest™ Venting Ridge Cap Shingle. It should only be used as a hip and ridge product in these areas.
- Apply only on roofs with slopes of 4/12 to 12/12.
- Orient the Vented RidgeCrest™ pieces with the high end (leading edge) away from prevailing winds.
- When applying in temperatures under 50° F (10°C), allow pieces to warm before application.
- Do not walk on Vented RidgeCrest™ Venting Ridge Cap Shingles. Excessive force from pressure on top of this product may damage the shingle fabric.
- A circular saw or large pair of snips is recommended for cutting Vented RidgeCrest™ Venting Ridge Cap Shingle.
- Use only zinc-coated steel or aluminum, 10-12 gauge, barbed, deformed or smooth shank roofing nails with 3/8" to 7/16" (10 – 11 mm) head diameter. Typical lengths are 1 3/4" (44 mm) for new roofs and 2 1/2" (63 mm) for roof over application, but lengths may vary depending on the thickness of the shingles that are installed on the roof.

INSTRUCTIONS FOR SLOTS

Remove old ridge shingles, if present. Snap a chalk line on both sides of the ridge 3/4" (19mm) from the peak. Cut a slot with a circular saw and remove all debris. Measure the slot. If total opening is less than 1" (25mm), cut an equal amount from each side of the ridge until the opening equals 1" (25mm) in width. See figure 1.

CAUTION:

- Set the saw depth to avoid cutting the roof rafters.
- Make sure the cutting path is clear of all utilities both inside and out.
- STOP cutting the slot a minimum of 12" (305 mm) from the hip and ridge intersection, the outside of a gable or other intersection.
- Do not remove more than 2 1/4" (57 mm) of roof sheathing material from either side of the ridge.

If a ridge board is present, cut a wider slot to allow a minimum of 1/2" (12.5mm) air gap on both sides of the ridge board into the attic space.

VENTED RIDGECREST™ INSTALLATION

Step 1 – Starter Ridge Cap Shingle

Fold one piece of shingle fabric (supplied in box) into thirds, creating three plies that are 3 ½" (89 mm) long to create a starter. Fold across the ridge, flush with the rake edge of the shingles. Attach starter with 2 nails long enough to penetrate at least ¾" (19 mm) into wood decks or just through plywood or OSB.

Step 2 – First Piece

Place the first piece of Vented RidgeCrest™ Venting Ridge Cap Shingle directly over the starter with the overlap pressed snugly against the starter. Vented RidgeCrest™ Venting Ridge Cap Shingles are self-aligning and the pieces have tabs on the rear and underneath which allow them to interlock. Ensure the piece is aligned properly with the roof ridge and then nail into place. See figure 2.

Step 3 – Fasten Ridge Cap

Fasten each piece with 2 fasteners. Nail through the reinforced exposed plastic cross hatched nail zone at the rear of each piece. For increased wind resistance, add 2 nails, 1" (25mm) further in from the first nail, for a total of 4 fasteners per piece. In addition to these nails, the leading edge of the first piece may be face nailed as well. Ensure nails penetrate through the plastic backer and into the deck below. Exposed nail heads must be properly sealed with roofing cement or silicone sealant. NOTE: The use of excess roofing cement can cause blistering of the asphalt shingle.

Step 4 – Subsequent Pieces

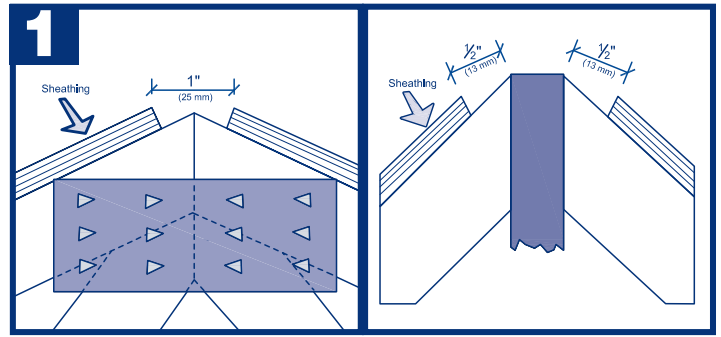
Place the next piece snugly on top of the preceding piece, then slide forward until the tabs on the underside engage with the tabs on the rear of the first. Check the interlocking feature by gently trying to lift the front of the second piece. Fasten with two fasteners as above. For increased wind resistance, follow instructions in Step 3.

Step 5 – Continue Along Ridge

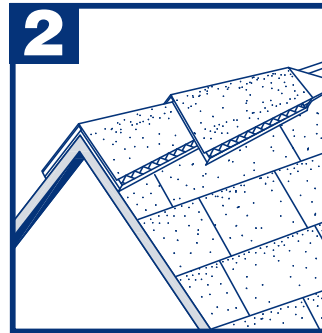
Continue to install each ridge cap shingle along the ridge. Cover the last piece of Vented RidgeCrest™ Venting Ridge Cap Shingle with 2 layers of shingle fabric (supplied in box) or a trimmed piece of Vented RidgeCrest™ Venting Ridge Cap Shingle as shown in Figure 3.

Alternate Application

Vented RidgeCrest™ Venting Ridge Cap Shingles may be installed starting at opposite ends of the ridge and meeting in the middle, much like cedar roofs. Follow the above application instructions until the selected mid-point is reached. At the mid point, the rear of each piece of Vented RidgeCrest™ Venting Ridge Cap Shingle should be covered with extra pieces of shingle fabric (supplied in box). Exposed nail heads should be properly sealed with roofing cement or silicone sealant.



Cut... proper opening for Vented RidgeCrest™



Place... a starter on one gable end of the ridge and apply subsequent Vented RidgeCrest™ shingles toward opposite side of the ridge.



Cover... the tabs of the last Vented RidgeCrest™ piece fabric with two layers of shingle fabric or a trimmed piece of Vented RidgeCrest™.