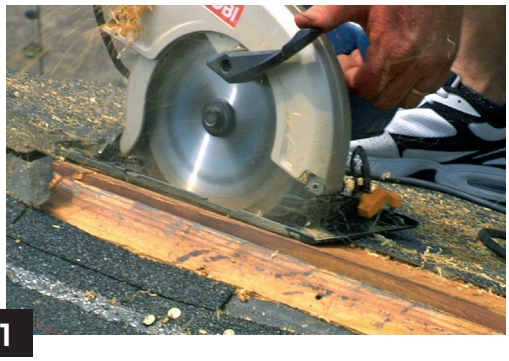
Quarrix®

FlowThru
RIDGE VENT

The amount of ventilation is controlled by the length of slot cut along the roof ridge. For the most attractive roofline, it is recommended that Quarrix FlowThru Ridge Vent Rolls and Sections or StormStop Section Vents be installed along the entire ridge of the roof.

1. Ridge Ventilation Slot Preparation

The slot may be pre-cut on a new roof before or after shingle installation or in a retrofit, the slot can be cut from the pre-shingled roof using a circular saw with a carbide tip blade (protective eye goggles should be worn during this process). For Quarrix FlowThru Ridge Vents with 5/8" profile, cut a 2" slot (1" on each side of ridge) along the ridge(s). For a roof with a center beam, a 3½" slot should be cut (1¾" on each side of ridge). For Quarrix ridge vents with 1" profile, cut a 2½"slot (1¼" on each side ridge). For center beam applications a 4" slot should be cut (2" on each side of ridge). A minimum of 6" must be left uncut on each end of the ridge. Once the slot is cut and any overlapping shingles covering the ridge are trimmed and removed, the ridge is ready for vent installation.



1

2

2. End Cap Installation

Pull apart a pre-cut section of the foam end cap included with the vent. Apply construction adhesive or sealant caulk to one side of the foam and insert into the center section at the end of vent. Repeat on the other end of vent. When installed properly, the foam end cap should be flush with the 3" wide ventilation returns on each side of the vent. See Step 3 for approved sealants.

3a

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3. Vent Placement on Ridge

We require that a bead of sealant be applied to the roof shingles before installing the vent on the ridge. This sealant should fill any voids between the bottom of the vent and the surface of the shingle. Use either butyl sealant conforming to ASTM C1085, latex sealant conforming to ASTM C834, silicone sealant complying with ASTM C920 or asphalt roofing cement complying with ASTM D4586. Attach vent to the roof deck by driving a nail in each of the two corners on both ends of the vent. Also, drive two nails through the vent and foam end cap to hold foam in place on the ends of the ridge only. Nails should penetrate the wood roof deck at least ¾".

Roll out or place Quarrix FlowThru Ridge Vent along the entire length of slot also covering the 6" minimum uncut ridge on both ends. Bend vent into a "V" Shape. Secure at the lead edge after inserting the end cap. Nail should penetrate roof deck a minimum of ¾". Pull the vent tight and secure at about 10'. Pull the rest of the vent tight and secure, inserting the end cap. Multiple lengths of vent can be joined by butting the sections tightly together. End caps should be inserted at the beginning and end of each section. Prior to cap shingle installation, the vent should only be fastened to the ridge every 10'.

3b

3c

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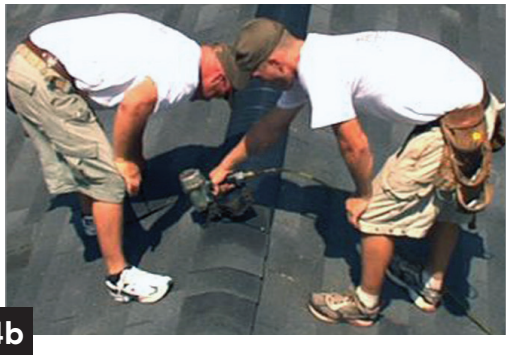
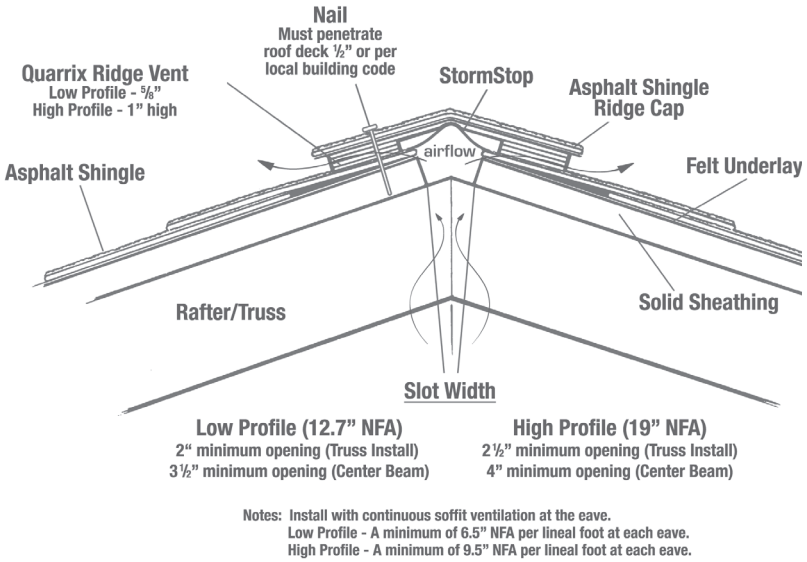
4. Cap Shingle Installation

Using One-Pass Installation, secure cap shingles and vent at the same time. Nail ridge caps with roofing nails in a common, overlapping pattern. Nails should penetrate the wood roof deck at least ¾". For the fastest installation, a coil nail gun can be used as long as the minimum penetration is ¾". It is important when installing this vent that you maintain the pitch of the roof. The vent has been installed properly if the bottom of the vent is flat on the roof and the peak is slightly rounded.

4a



4b



Notes: Install with continuous soffit ventilation at the eave.
Low Profile - A minimum of 6.5" NFA per lineal foot at each eave.
High Profile - A minimum of 9.5" NFA per lineal foot at each eave.

4. Additional notes

- Quarrix FlowThru ridge vents should NOT be installed on the hip of the roof.
- Quarrix FlowThru ridge vents should only be installed on a roof with a pitch of 5/12 or greater.
- In accordance with the Quarrix Limited Lifetime Warranty, all Quarrix products