

STONE-COATED STEEL ROOFS

Installation Instructions

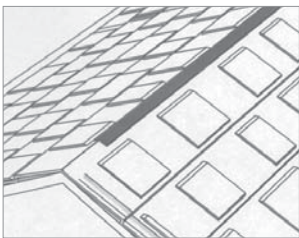
PRODUCT TO USE:



ONE

1. Ridge Ventilation Slot Preparation

Cut the slot prior to installing the last course of shingle panels along the ridge in a re-roof or new construction application (protective eye goggles should be worn during this process). For 5/8" profile 7" wide vents, cut a 2" slot (1" on each side of ridge) along the ridge. A minimum of 6" must be left uncut on each end of the ridge. Once the slot is cut then measure and cut shingle panels to fit along the ridge; panels should not obstruct the slot. Once the panels are installed, the ridge is ready for vent installation.



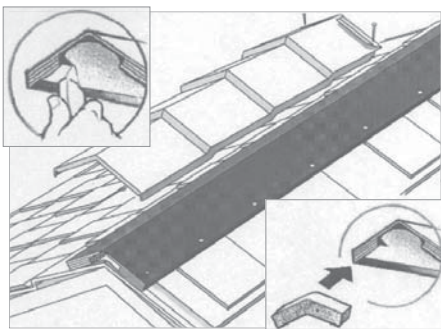
Retrofit with Stone-Coated Steel
If stone-coated steel is already installed, the slot can be cut from the pre-paneled roof using a circular saw with a combination blade (reversed) or a Tenryu Steel Pro blade (protective eye goggles should be worn during this process).

For 5/8" profile 7" wide vents, cut a 2" slot (1" on each side of ridge) along the ridge. A minimum of 6" must be left uncut on each end of the ridge.

TWO

2. End Cap Installation

Pull apart a precut section of the foam end cap found with the vent, usually found in the first 3 feet of the roll. Use a utility knife to make a cut in the StormStop material 1/2" on each side, back from the end of the section (See insets). Using construction adhesive or sealant caulk, coat both sides of the StormStop material where it has been cut back at the end of the vent. Insert the foam end cap with the cut-back StormStop material between the foam end cap and the underside of the vent to assure a weather-tight seal.

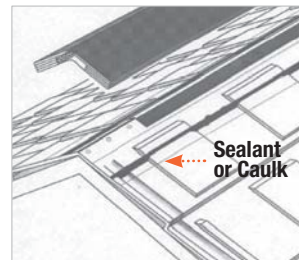


Insert the foam end cap with the cut-back StormStop material between the foam end cap and the underside of the vent to assure a weather-tight seal.

THREE

3. Vent Placement on Ridge

Before installing the vent on the ridge a bead of sealant is required between the stone-coated steel and the underside of the ridge vent. This sealant should fill any voids between the bottom of the vent and the surface of the panel. Caulking and sealants shall be suitable for exterior use and be resistant to weathering; use either butyl or polyurethane sealants. The caulking and the sealants shall be compatible with and adhere to the materials to which they are applied. Check sealant manufacturer's instructions and stone coated steel's installation guide for compatibility. Roll out or place ridge vent along the entire length of slot also covering the 6" minimum uncut ridge on both ends. When using R-Series (Rigid Roll) products, secure at the lead edge, inserting the end cap. Pull the vent tight and secure at about 10 feet. 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. An end cap should be inserted at the end of each section.

Attach vent to the roof deck by driving a nail or a #8 screw in each of the two corners on both ends of the vent. Also, drive two nails or #8 screws through the vent and foam end cap to hold foam in place on the ends of the ridge only. Fasteners should penetrate the wood roof deck at least 3/4". It is recommended to fasten the vent to ridge prior to stone-coated steel hip/ridge cap installation. Vent should be secured every 5".

FOUR

4. Cap Shingle Installation

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. Install hip/ridge caps per manufacturer's installation guide. Each hip/ridge piece should clip together by inserting the return (at the nose of each piece) into the back clip, which is located at the top of the hip/ridge cap section. Fasten cap to vent through the back clip using #8 screws. Fasteners should penetrate through the wood roof deck at least 3/4".

