

STEP 1: Prepare Roof Decking

The first step installing SmartRidge™ II is to prepare the roof decking by cutting or leaving a 1" slit (do not cut at least 12" in from the gable ends or other obstacles) on both sides of the roof peak away from any ridge beam. This is most easily done when laying the roof decking by cutting the last piece of roof decking 1 ½" short of the roof peak (**Fig A**).

Note: The proper amount of soffit ventilation is required to maximize SmartRidge™ II's effectiveness. Ask us about our revolutionary soffit venting system called SmartVent™ .



Figure A

STEP 2: Attach the SmartRidge™ II End Piece

After roof shingles are installed, begin at one end of the roof. A nailing strip can be found on SmartRidge™ II approximately 2" in from the edge of the product. This is where you should nail when attaching SmartRidge™ II to the roof decking using 1 ½" – 2" roofing nails.

In the SmartRidge™ II box are pieces of fabric (approx. 10 ½" square) and two end caps that will be used to seal the gable ends (**Fig B**). Install end caps or wrap the fabric around the end of a piece of SmartRidge™ II so that an equal amount of fabric is on top and on the bottom (**Fig C**).



Figure B

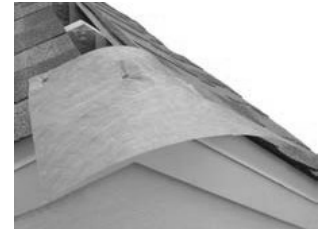


Figure C

STEP 3: Positioning the SmartRidge™ II

Position the SmartRidge™ II piece over the ridge so that it is nearly centered over the ridge opening. Abut the SmartRidge™ II against the end cap or, if using the fabric pieces to seal the end, wrap the fabric tightly around the end of the SmartRidge™ II piece (**Fig D**). Fold SmartRidge™ II over the ridge and secure to the roof decking using 1 ½" roofing nails minimum.



Figure D

STEP 4: Attach Remaining SmartRidge™ II Pieces

Attaching the next pieces of SmartRidge™ II can be done by butting the end of the next piece up tightly against the end of the previously installed piece (**Fig E**). Continue butting 3' pieces of SmartRidge™ II until you reach the end of the roof. Cut the final piece to fit flush with gable end cap and/or repeat step 2 to seal the end & install gable end fabric. Nails are placed 1.5" in from each edge and two additional nails spaced at 11" apart on each side totaling 8 nails per piece of SmartRidge™ II.



Figure E

STEP 5: Install Cap Shingles

Install cap shingles over SmartRidge™ II as you normally would (Fig F). Note: For aesthetic purposes, you can extend SmartRidge™ II all the way to the end of the gable roof (Fig G). SmartRidge™ II is strong enough to stand up to nail guns during shingle installation and use extra long roof nails (1 ½" to 2" nails) for securing the shingles. Nails should penetrate through roof deck.



Figure F

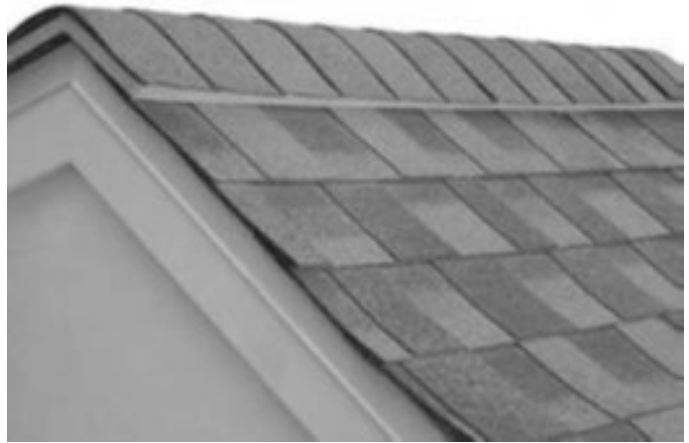


Figure G