



Ridge-Guard® Overview & Installation Process

Ridge-Guard® is a revolutionary system for guarding against animal entry at the roof ridge. With the advent of ridge-vents to protect shingles from over heating in the summer, and excess moisture build up in the attic in the winter due to heat loss, came the extra issues associated with a large vent opening across the entire ridge of the home.

Roof ridge ventilation is a necessity whenever a roof has asphalt shingling. Without proper ventilation, asphalt shingles will be compromised prematurely due to excessive attic temperatures. The shingles will warp and cause potential leaks and animal entrance points.

The problem with plastic versions of ridge venting is that they start warping and cracking with age. Most of the other fiber style ridge vents are easy for critters such as squirrels and mice to chew or tear out allowing easy access for bats and birds to enter the attic as well. Once in the attic many problems associated with feces, mites, and even the HVAC system of the home may occur.

The old way to “fix” an intrusion problem was to tear the ridge cap, remove the ridge vent, install metal mesh, then install a new ridge vent and ridge cap. Even after this repair, the problem could very well happen again with squirrels chewing holes, and bats, mice or birds getting back under the vent.

The Ridge-Guard® vent exclusion device solves these problems.

Ridge-Guard® is made of a 22-gauge expanded metal that has been powder coated. This coating ensures years of protection. The screws that are used to secure the RG are self-sealing $\frac{1}{4}$ " drive screws.

It is used to exclude:

- Bats
- Mice
- Squirrels
- Flying Squirrels
- Even some larger insects

Ridge-Guard® will last as long as your roof. It's highly effective and barely visible from the ground.

Ridge Guard Dimensions and Diagrams

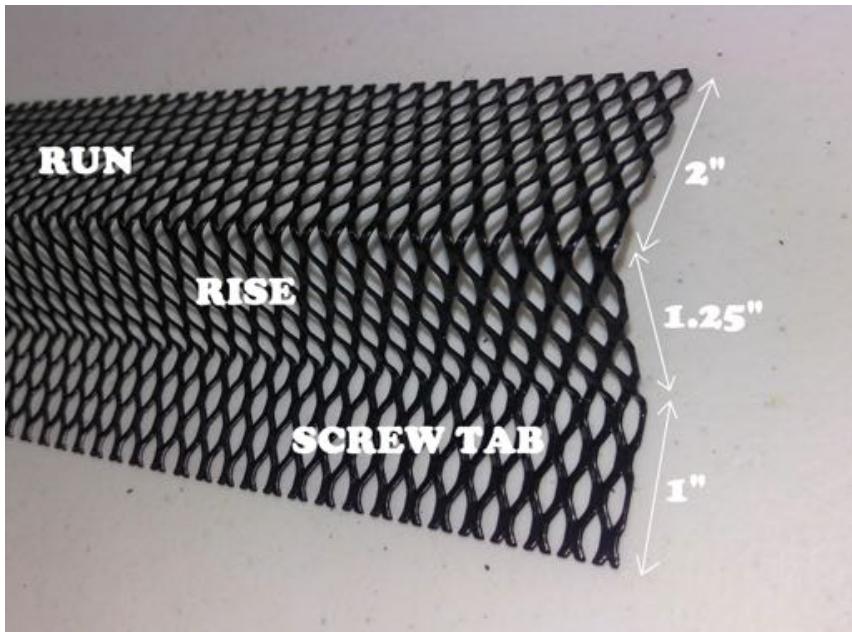
Ridge Guard is a 3 faced, 2 angled exclusion product.

It is 1" x 1 1/4" x 2". See diagram.

The reference names to the faces and angles:

- Screw tab
- Bottom angle
- Rise
- Top angle
- Run

See diagram.



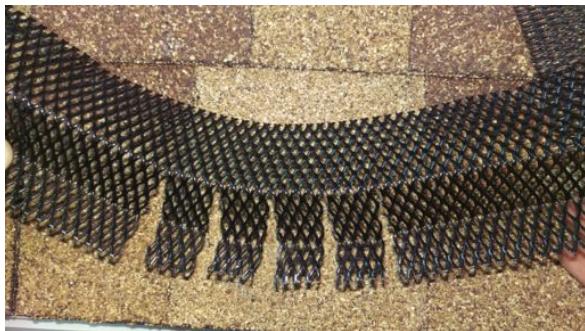
Ridge Guard Installation

Tools needed for installation:

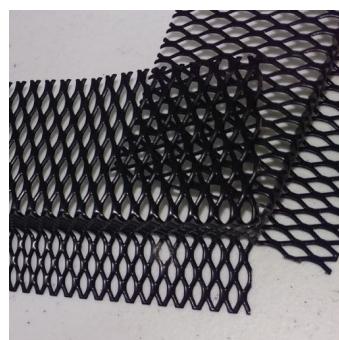
- Tin snips
- Screw gun
- 1/4" drive bit
- Needle nose pliers
- Caulk gun (optional)
- Roof pitch (optional)
- Utility knife
- Rubber mallet

Installation Process:

1. While still on the ground, open RG. Use needle nose pliers to remove one metal end cap from transport tube.
2. Tilt opened end down to get RG to slide until one foot is exposed.
3. Grab RG bundle and remove from tube.
4. Safely get RG, supplied screws, and tools onto roof.
5. Use a utility knife to remove the plastic wrap on both ends of the bundle of RG.
6. Lay 2 pieces RG on ridge vent every 8' so you having them laying end to end. At each ridge vent end you will need 3 pieces.
7. Once you have everything laid out the installation will go quick!
8. To make an end cap you will need to make relief cuts on the screw tab and rise. This will allow the RG to bend to the pitch of the roof. The first relief cut will be in the center of a piece. Then you will move to the left and right 1" and make another relief cut. The amount of cuts will be determined by the pitch of roof. Flatter roofs need less relief cuts than steeper roofs.
9. Be sure to layer the relief cuts like fish scales.



10. After the correct number of relief cuts have been made, you can place RG on end cap. This will leave roughly 3.5' of RG running straight down the roof on both sides of ridge vent.
11. Where the ridge vent intersects the RG, you will make a cut on the run on both sides.



12. You can then bend the 3.5' RG that is running down the roof up the slope to meet the ridge vent.
13. Install necessary screws through screw tab to secure end cap.



14. When installing, be sure to apply downward pressure on the top angle, pressing the run into the top of the vent and the rise into the edge of vent. Then, using the supplied screws, pull screw tab down tight to roof.
15. Screw roughly every 12".
16. Overlap seams roughly 1".

