

EcoStar Snow Guards



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The building featured on the front is roofed in Midnight Gray with Copper Pad Style Snow Guards.



Features and Benefits:

- Easy to install
- Extensive style and color choices
- Made of durable copper and coated aluminum for long-term weatherability
- Extensively tested in the field
- Layout recommendations and technical support available
- Online Snow Guard calculator to ensure correct ordering

EcoStar Snow Guards

Historically used with slate roofs, snow guards are a practical, cost-effective addition to any sloped roofing system in cold-weather areas. Installed to protect ground-level areas below the roof, EcoStar Snow Guards are devices that allow snow and ice to drop off in small amounts or melt completely before falling to the ground. It is especially important to install them above the following areas to ensure safety and protection:

- Entryways, walkways, and gathering spots
- Parking lots and drive-through areas
- Expensive landscaping
- Ground-mounted mechanicals
- Lower roofs, valleys and crickets
- Gutters and roof protrusions, such as plumbing vents

In addition to preventing avalanching snow and ice, EcoStar Snow Guards can also enhance the beauty of any roofing system. EcoStar offers a full line of decorative options to match the architectural needs of the roof and building. Copper Fleur-de-lis and Sunburst styles are special order items. Contact customer service for pricing and availability.

In addition to copper, EcoStar offers the pad style in the same colors as its tiles. These color options allow for the snow guards to blend into the roofing system. EcoStar allows you to be as bold or as subtle as you want, while adding value and protection to your home.

How Many Snow Guards Do I Need?

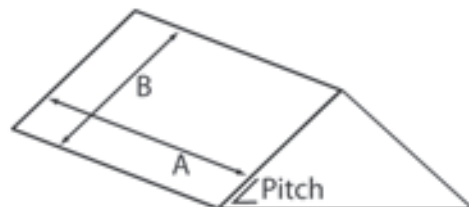
Information required:

- Ground Snow Load (Pg) from local building inspector
- Length along the eave (A)
- Distance from eave to peak (B)
- Roof pitch

If there are upper roofs that dump onto lower roofs, snow guards need to be installed on the upper roofs, as well.

If the distance from eave to peak (B) is $<15'$ and the roof pitch is $<24/12$, contact EcoStar's technical department for higher distances and peaks.

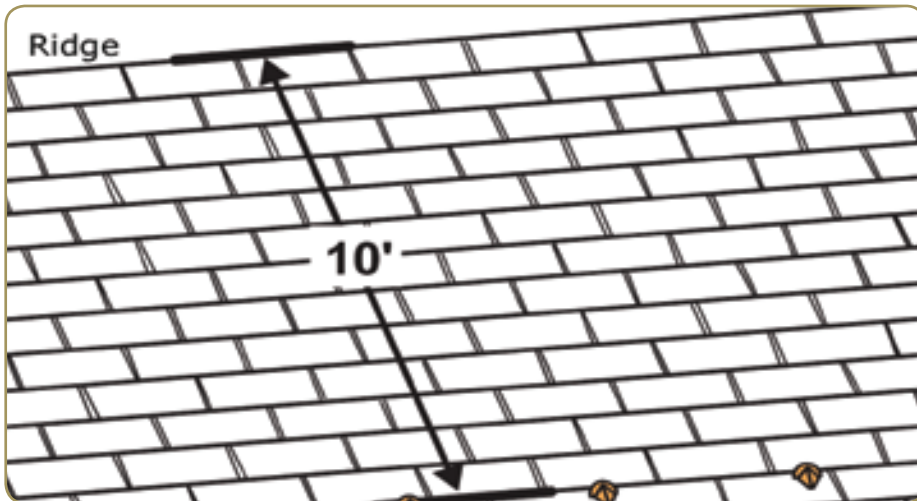
Most roofs require 12 snow guards per square. Multiply that number by the number of roofing squares (rafter length times eave length divided by 100) to find the number of snow guards required. A square equals 100 square feet.



Snow Guard Installation

All pad-style snow guard installations for EcoStar roofs use the three-row pattern along the eave. All other EcoStar roofs >6/12 & 75 psf should contact EcoStar's technical department.

All Roofs



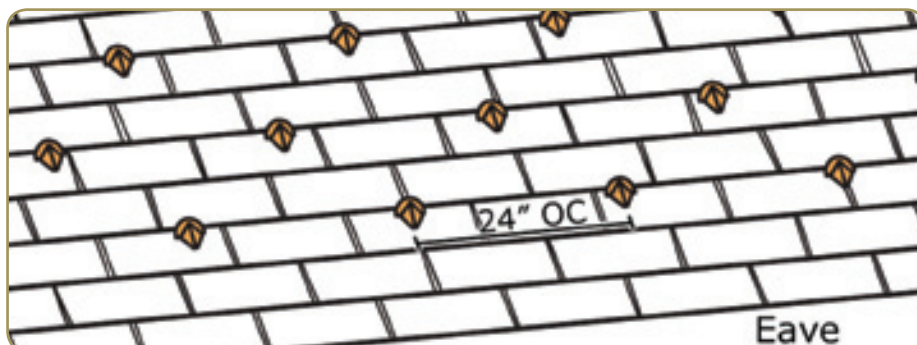
The top 10' of rafter does not generally require snow guards, except in extreme snow load areas, >75 psf Ground Snow Load. If your building design load is greater than 100 psf contact EcoStar's technical department.

4 x 2



4 X 2 - 12 to 16 snow guards per square, space additional snow guards 4' on center horizontally and 2' vertically.

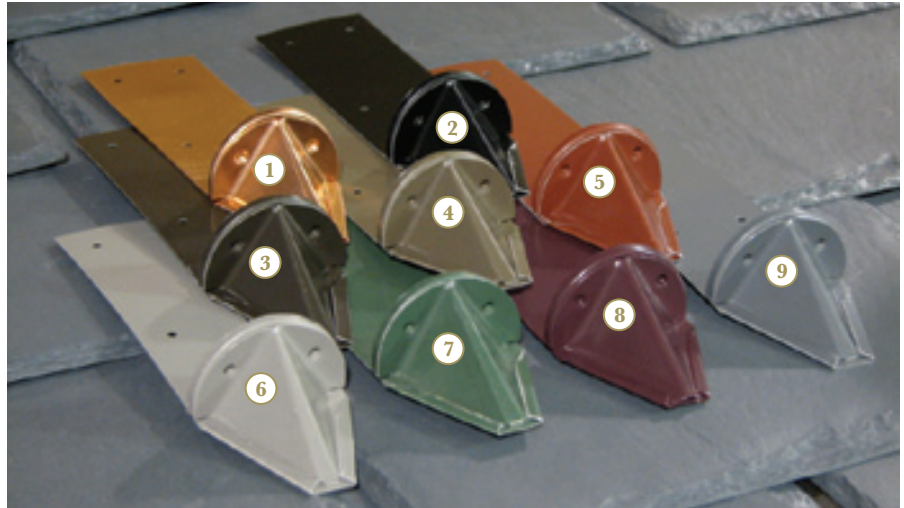
All Roofs



Standard three-row pattern, 24\" on center horizontally, two courses vertically with the middle row staggered 12\".

If the rafter length is <15' and the snow load is <75 psf, then only the three-row pattern is required at a rate of 17 per foot of eave.

EcoStar Snow Guard Styles and Colors



The Pad style is available in both copper and Kynar-coated aluminum.

Colors: 1. Copper, 2. Black, 3. Chestnut Brown, 4. Cedar Brown, 5. Stone Red 6. Smoke Gray, 7. Earth Green, 8. Mountain Plum, 9. Midnight Gray/Federal Gray



Copper Fleur-de-lis style



Copper Sunburst style

Copper Fleur-de-lis and Sunburst styles are special order items.
Contact customer service for pricing and availability.



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