BEST BUY METALS
Roofing That Lasts

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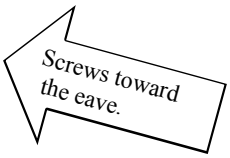
PC240 Snow Guard - Installation

The Snow Defender™ PC240 is made from Polycarbonate Lexan 103-112. It can be mounted with screws or adhesive.

Instructions for screws down applications:
Clean the roof surface thoroughly with rubbing alcohol or soap and hot water. Then take the Snow Defender™ PC240 and apply the SB-190 or an approved caulk with 3 small beads going the length of the guard on the bottom side. Sealant should be squeezed out the sides when pushing guard down against roof. Immediately after compressing the guard to the roof drive 2 screws with bonded washers through the holes in the guard into the roof purlin. Do not use screws shorter then 2" long and the diameter of screws used should be a #9 or larger. SB-190 is not recommended for unpainted roofs. When finished apply a bead of sealant around the entire perimeter of the guard for additional sealing benefits.

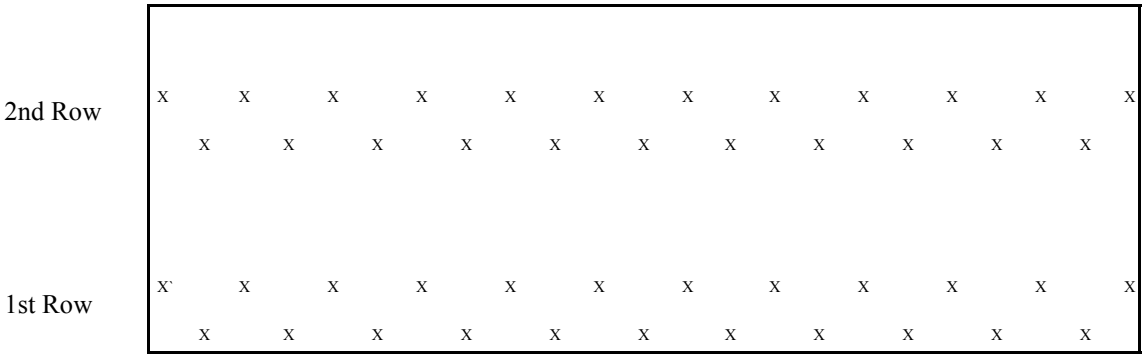
Instructions for Adhesive only applications:
Clean the roof surface thoroughly with rubbing alcohol or soap and hot water. Then take the Snow Defender™ PC240 and apply 3 small beads of SB-190 the entire length of on the bottom side. Immediately after applying the SB-190 compress the guard to the roof. When finished the SB-190 most uniformly be covered on the underside and should be squeezed out from all 4 sides. If necessary apply a bead of SB-190 around perimeter of the guard. SB-190 is not recommended for unpainted roofs. Most be 50 degrees Fahrenheit or above for 28 days to achieve a full cure. If below 50 degrees Fahrenheit do not install snow guards as an adhesive mount, use a snow guard that is mechanical fastened.

If OSB or Plywood is used with no purlins beneath the metal install a 2x4 spacer between the rafters/trusses on the underside of the sheeting & use 2" + long screws to fasten guards.



Placement;
It is recommended to install the guards in a staggered pattern. Meaning installing 1 ever 18" on the first purlin and going up the next purlin and installing the next row every 18" between the first row. **For a recommendation based on your roof dimensions give us a call.**

Ridge of Roof



Eave of Roof

Above example is based on Metal Roof Panels being 36" Panels with 9" rib spacing.