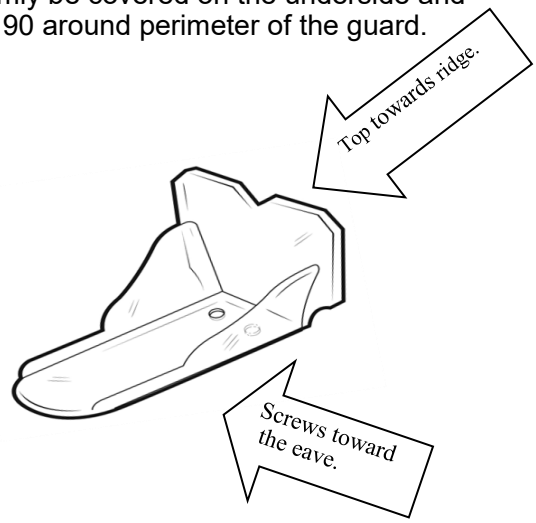
Patented

Snow DEFENDER™ PC240

Installation Instructions

Instructions for screw down applications:
Clean the roof surface thoroughly with rubbing alcohol or soap and hot water. Take the Snow Defender™ PC240 and apply SB-190 or an approved caulk with 3 small beads going the length of the guard on the bottom side. Sealant should squeeze out the sides when pushing guard down against roof. Immediately after compressing the guard to the roof, drive 2" or longer Levi's #12 screws with washers through the holes in the guard into the roof purlin. 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.

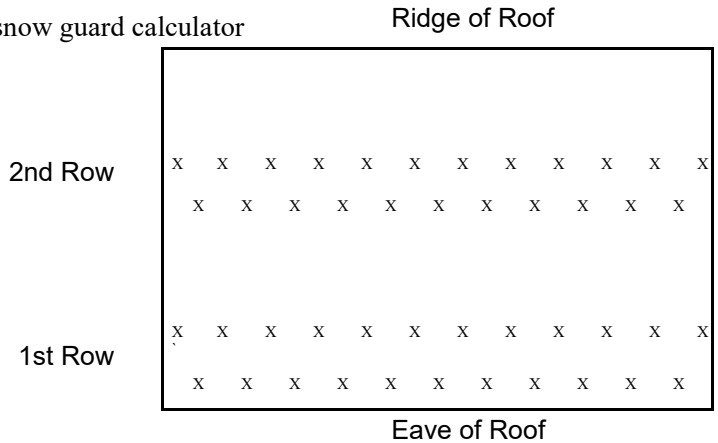
Instructions for adhesive only applications: (We do not recommend adhesive only procedure)
Clean the roof surface thoroughly with rubbing alcohol or soap and hot water. Take the Snow Defender™ PC240 and apply 3 small beads of SB-190 the entire length of the bottom side. Immediately after applying the SB-190 compress the guard to the roof. When finished the SB-190 must uniformly be covered on the underside and should squeeze 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.
It must 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 mechanically 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 2-1/2" long screws to fasten guards. If your building has insulation between the roof and the purlin consult with your engineer or architect.

It is recommended to install the guards in a staggered pattern. Installing 1 every 18" on the first purlin and going up the next purlin and installing the next row every 18" between the first row. Meaning putting 1 guard every 9" in a staggered row.

Visit www.snowdefendercalculator.com to use our snow guard calculator to estimate the amount needed.



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

Remember it is very important to install the guards properly with the correct quantities. Do not only put snow guards over doorways, walkways, etc.

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