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Snow DEFENDER™

4500

The Snow Defender™ 4500 is an all Stainless Steel Snow Guard. It is designed for fastening down with screws. And is primarily designed for buildings with 2x4 purlins being flat. It comes with EPDM rubber on the bottom of the base. With the rubber pad being on the bottom there is no need to caulk. This guard is available in many powder coat colors.

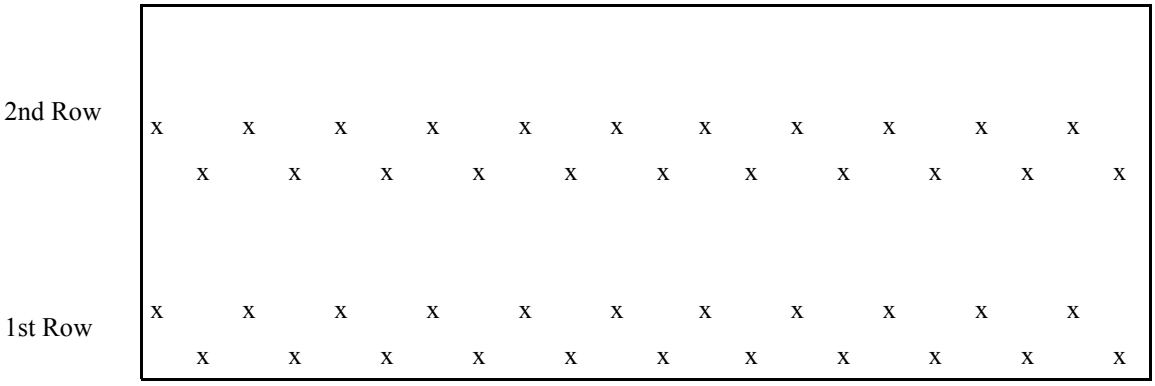
Instructions;

Take the guard and fasten with screws. Use screws in diameter of #9,#10, or #12 with washers. (#12 Screws if possible) And lengths no shorter then 1-1/2". Be sure to have 1-1/2" penetration in to the wood. After fastening the guard be sure that it is tighten properly, also check to make sure it is properly sealed. Screws are to be facing towards the eave of the roof. With the blade being toward the ridge. Do not use on a Standing Seam Roof, use the Snow Defender™ 6500 for Standing Seam. 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. Otherwise the screws will not hold excessive snow loads only being driven into OSB or Plywood. If your Building has insulation between the roof and the purlin to not use the calculator. Consult with your distributor, architect & or call us.

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 go to www.snow-defender.com and see the calculator page or call your distributor.**

Ridge of Roof



Eave of Roof

Placement is based on the Metal Roof Panels being 36" Panels with 9" rib spacing.

Remember it is very important to install the guards properly with the correct quantity's.