

Technical Data Sheet

Polar Blox, Inc.

155 Gilbert Hollow Rd. Hollsopple, PA 15935

Original Standing Seam Snow Guard

HOLDS 1308 LBS
Mechanical Attachment

3" Wide Face



3" Tall

3" Wide Base

The only standing seam system made of tough high-izod poly-carbonate plastic. The guard has a 3" wide face, 3" tall face, 3" long base, and a 3" wide base. The Guard will fit up to a 1 1/4" wide seam. This plastic snow guard is compatible with all metals and composites. It features non-rusting stainless steel fasteners which do not penetrate the roof, so there are no opportunities for leaks. The original standing seam snow guard can be utilized with or without the optional second ice bar. The bottom ice bar sits a mere 3/8" above the roof to keep ice from sliding. The second optional ice bar sits approximately 1 1/2" from the panel. The ice bar is 1" in diameter and is pre-cut cut to fit your panel. These guards can be installed in any weather.



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Standing Seam Guard Installation

1. Tools Needed:

Standing Seam Guards- 3/8" Ratchet and 3/16" Socket with Allen Wrench Attachment (as sold by Polar Blox);

Original Standing Seam Guards - 3/8" Ratchet and 5/32" Socket with Allen Wrench Attachment (as sold by Polar Blox)

2. Place first snow guard approximately 2' from edge of eave. Tighten set screws with a reasonable amount of torque, but do not over tighten.

Set screws should be preset to keep panel centered.

3. When using guards only, keep guards at an even space from eaves which should be over bearing walls.

4. When using optional ice bars, place bar in end of installed guard and place new guards on opposite end of bar before installing it. Continue installing in this manner until entire edge is covered.

5. Be sure the required number of rows are used to ensure safety.

Design Considerations

1.) Make sure all panels are securely attached to the roofing structure.

2.) The structure must be designed to carry the additional load created by Polar Blox guards. This is extremely important

3.) Do not install Polar Blox on overhang. They should be located over bearing walls when possible.

4.) More than one row may be required depending on area snowloads. Check with the factory for recommendations.

5.) It is the responsibility of the buyer to verify that all design loads and requirements are met before installation occurs. Owners must be made aware of the possible extreme conditions which may be created by stopping hazardous sliding of snow and ice.

If the extremes are resulted they should be physically removed from the roof.