



Snow Railing Installation For Pad-style/Deck Mount

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Note: These installation instructions are provided as assistance to installers. Sno Shield Inc takes NO responsibility for errors in application or omissions and cannot be held responsible for product installation.

Sno Shield Inc warrants the products themselves, not the installation. See Warranty Information.

1. Inspect all parts/materials to ensure the whole system is ready for assembly.
2. Assess the snow railing layout and designate clamps to the standing seam ribs (depending upon the size of the system, an alternative process may be applied as necessary).
3. Place deck mount bracket on roof (as outlined in the drawing plans); drill holes into the rafter (ensure that pre-drill is half size of the lag bolt, so for a 1/4" bolt, use a 1/8" drill). Use a non-hardening polyurethane-based material, or rubber seal to secure the lag bolt, rafter, and deck mount together.
4. Once clamps are secure on the ribs, slide the 10ft rails through the hole-openings, being careful not to scratch any surfaces; for rails that are 10ft or less in length, be sure to attach the collar on the **outside** of the brackets to prevent the rail from sliding back and forth. For rails longer than 10ft in length, place the collars on the **inside** of the brackets.
5. **Pipe Splices:** When piecing together two pieces of pipe (i.e. two separate railing sections) this can be done in one of two ways: 1) place a glob of adhesive on the inside of the rail and insert the coupler half way, leaving the opposite side loose for expansion and contraction; 2) put the coupler half way down the rail and drill a 1/8 to 3/16 inch hole through all four walls of the coupler and rail, and insert cotter pin. Be sure to only secure one side of the coupler and pipe, allowing the other half to expand and contract as necessary (If a splice ends up on a bracket, make adjustments to move the splice a minimum of 6" away from the bracket so that it doesn't catch during expansion and contraction).

Contact Sno Shield Inc for recommended snow guard placement and spacing layouts
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6. **Snow Flags:** generally snow flags are placed in the middle of a standing seam panel with one zip screw penetrating the *lower* rail to secure the snow flag (facing up) to the rail.

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