



Panel Guard Installation For Adhesive Attachment

www.snoshield.com

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. **Clean roof surface with isopropyl alcohol where snow guard is to be attached-ensure area is completely dry before attaching snow guard**
2. **Cut tip of adhesive nozzle (Surebond SB-190 recommended) and smear evenly across the entire base of Panel Guard ensuring to fill in all pockets in the waffle pattern of the base and to have enough adhesive to squeeze out along the perimeter of the snow guard**
3. **Place snow guard in desired location with the tip of the “triangle” shape pointing down the slope (toward the eave) of the roof and the “Y” shape facing up the roof (toward the ridge)**
4. **Press down on the snow guard with enough force that the adhesive is squeezed out along the perimeter of the base ensuring that there are no air pockets. If necessary, run a bead of the adhesive around the edge of the base where there may be voids**
5. **While wearing rubber gloves, smooth adhesive around edge of base of the snow guard to create a water tight seal and clean up any excess adhesive**

Tip: On steeply pitched roofs, it may be necessary to temporarily secure the snow guards in place to prevent any sliding until the adhesive takes hold.

Note: SB-190 requires a 28 day period at 50 degrees (F) or higher for full cure and for best results in adhesion (90% Strength is achieved at 12-14 days at 50 degrees F or above).

Contact Sno Shield Inc for recommended snow guard placement and spacing layouts
1-888-976-6744

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Panel Guard Installation For Mechanical (Screw Down) Attachment

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This method is NOT recommended for snow guard installation on standing seam floating metal roofs.

1. Clean roof surface with isopropyl alcohol where snow guard is to be attached-ensure area is completely dry before attaching guard
2. Cut tip of sealant (use a high-quality, waterproofing sealant) nozzle and smear evenly across the entire base of Panel Guard ensuring to fill in all pockets of the base's waffle pattern and to have enough sealant to squeeze out along the perimeter of the guard
3. Place snow guard in desired location with the tip of the "triangle" shape pointing down the slope (toward the eave) of the roof and the "Y" shape facing up the roof (toward the ridge)
4. Insert minimum of two (2) screws with neoprene washers into starter holes located on the top-side of the snow guard's base. Screw through guard into purlin or structural support until 50% compression of washer is achieved. Ensure sealant has squeezed out around base and run a bead of sealant around fastener heads and around base in any areas that may have voids
5. While wearing rubber gloves, smooth adhesive around edge of base of the snow guard to create a water tight seal and clean up any excess adhesive

Important: Installer is responsible to determine the proper number, length, and size of screws needed for each specific project

Reminder: Surebond SB-190 is NOT recommended as a sealant for this application. A high-quality, waterproof sealant will create a better water-tight seal.

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Panel Guard Installation For Shingle and Slate Attachment

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- 1. Place snow guard on shingle/slate with extension strap pointing up toward ridge or peak of roof**
- 2. Position snow guard so that the next row of shingles/slate will end a minimum of 1/2 inch above the snow guard base but will cover the extension strap**
- 3. Use proper fasteners to attach extension strap to roof deck**
- 4. Repeat these steps for entire layout**

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Panel Guard Installation For Solder Attachment

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Recommended for copper, lead-coated copper, zinc, and terne coated stainless steel.

1. **Tin the base of the snow guard**
2. **Determine desired location of snow guard and clean panel well**
3. **Flux and tin the area where snow guard will be placed**
4. **Place snow guard in desired location with the tip of the “triangle” shape pointing down the slope (toward the eave) of the roof and the “Y” shape facing up the roof (toward the ridge) and heat snow guard sufficiently to melt solder on panel and snow guard**
5. **Allow snow guard to cool in place**

Tip: This process is much easier to perform if able to complete before the installation of the roof panels.

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**Panel Guard Installation
For 2-Sided Tape Attachment
(Peel & Stick)**

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1. **Clean roof surface with isopropyl alcohol where snow guard is to be attached-ensure area is completely dry before attaching guard**
2. **Apply a thin coat of primer to the area where guard will be placed**
3. **Remove backing from adhesive tape attached to the base of the snow guard**
4. **Place snow guard in desired location with the tip of the “triangle” shape pointing down the slope (toward the eave) of the roof and the “Y” shape facing up the roof (toward the ridge). Press snow guard down while applying even pressure**
5. **Apply a thin bead of sealant around entire perimeter of snow guard**

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