

Raising the Bar in Snow Retention

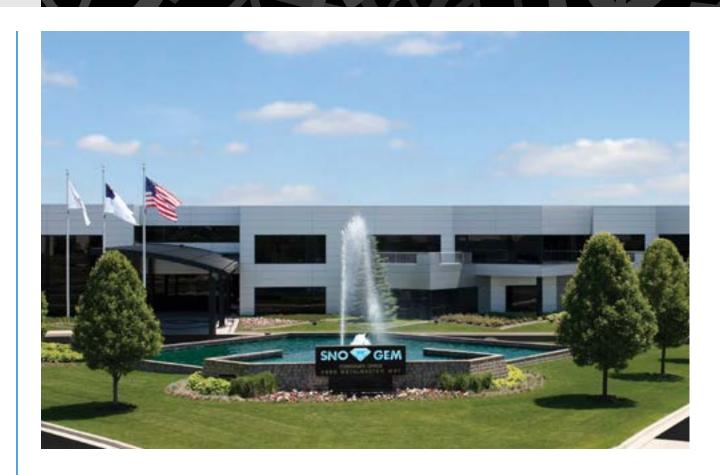
2023

SNOGEM.COM 888-SNO-GEMS

SNO GEM PRODUCT CATALOG 2023

INFO@SNOGEM.COM

About Sno Gem



It takes the unique insight of a family rich in both sheet metal and roofing industry experience to design and develop the "Ultimate Snow Guard." Founded in 1994, Sno Gem. Inc. has leveraged over 50 years of experience in architectural sheet metal and roofing to develop highly effective and aesthetically pleasing snow guards, from the Original Polycarbonate, to the innovative Sno Barricade® Clamp-On Snow Guard Systems.

In a challenging economic climate, it is more important than ever to put your trust in a financially sound partner with a demonstrated history of success. Sno Gem, Inc. has positioned itself for continued growth and the ability to invest significant resources in product research and design. Every roofing project poses special challenges which require cutting edge technology and a company with an attention to detail second to none. Our products can be manufactured in a variety of materials and to precise color requirements.

Sno Gem, Inc. maintains a dedicated sales staff that is continually educated on the latest advancements in roofing system technology to ensure the right snow guard application for your project. Every order is shipped with detailed installation instructions for an easy, hassle free installation that will ensure maximum effectiveness.

Contact Sno Gem, Inc. for the latest in snow guard product technology for your project because Snow Should Only Fall Once™.



Color Chart

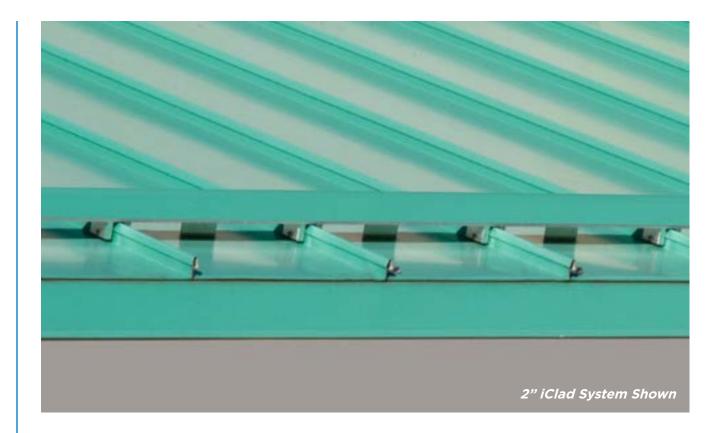


0

ormat



iClad™



Overview Sno Gem's[®] iClad[™] is an innovative clamp to the seam bar/fence snow retention system that utilizes the Sno Cube™ Clamp. The Sno Cube™ can attach to virtually any standing seam profile and provides unparalleled strength using Sno Gem's[®] WaveLock™ Technology with 3 points of attachment. Offering easy installation, Sno Cube's™ Silver Bullet™ set screws include a rounded bullet tip to maximize strength that won't damage the paint finish or pierce the seam. Additionally, the iClad™ system comes in standard mill finish aluminum material, making it an item you can easily keep in stock when the need arises. Once installed, it only takes seconds to attach the pre-finished metal trim from the material that was used to install the panels (not included) onto the face of the iBeam™ to have an aesthetically pleasing and effective snow retention system that matches your standing seam roof system.

- Aircraft-Grade Aluminum Extrusion
- ♥ Utilizes Patent-Pending WaveLock™ Technology
- The Attach to Virtually Any Standing Seam Profile
- The second strength & Easy-to-Install
- No Painting Required
- Non-Penetrating Seam Attachment
- IPlate[™] for Sliding Snow & Ice
- Made in the USA



All of our clamps come with our **Patented WaveLock[™] Technology.**













and ice from sliding underneath the iBeam™.

iClad™



System **N**



Sno Blockade[™]



The Sno Blockade™ system is available in standard mill finish aluminum or painted in either a Overview powder coating or Kynar finish. It is easy to install with few required components, regardless of whether installed on a new or existing standing seam metal roof system. The Sno Blockade™ system's unparalleled strength is derived from the unique design of the patent-pending WaveLock™ Technology with 5 points of attachment and is designed to maximize strength, but not to pierce or penetrate the roof panel.

- Aircraft-Grade Aluminum Extrusion
- ♥ Utilizes Patent-Pending WaveLock[™] Technology
- The Attach to Virtually Any Standing Seam Profile
- The second strength & Easy-to-Install
- Non-Penetrating Seam Attachment
- Standard & Premium Finish Options Available
- Sarricade Plate[™] for Sliding Snow & Ice
- Made in the USA

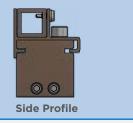


All of our clamps come with our Patented WaveLock[™] Technology.

Available Systems









Available Clamps

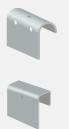




Mini

Additional Options/Accessories

Blockade Plate[™]



The Blockade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with tek screws that are not visible from the ground. Once properly installed, the Blockade Plate™ is designed to reduce melting snow and ice from sliding underneath the bar.

Sno Blockade™



Systel Ň

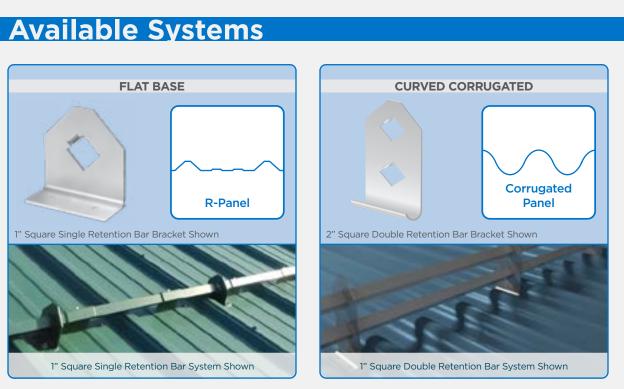
9

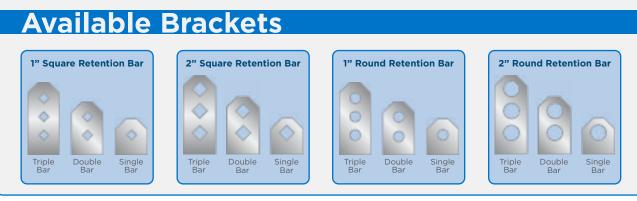
Deck Mount - Metal



Overview No matter what type of roof you need to protect, we have a deck mount rail-type snow retention system available. Our flat base standing seam system (MEC) will work with most standard R-Type panels. Our curved corrugated system has a rounded base to fit between the ridges on corrugated metal roofs. Each deck mount system offers an incredibly secure attachment by mechanically fastening to the roof. Each system is available in a single, double, or triple bar support with the options of 1", 2", round, or square tubing. Standard or custom roof panel manufacturers' colors available in powder coating or Kynar finish. Manufactured in stainless steel or brass.







Additional Options/Accessories

Barricade Plate™

The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.

Deck Mount

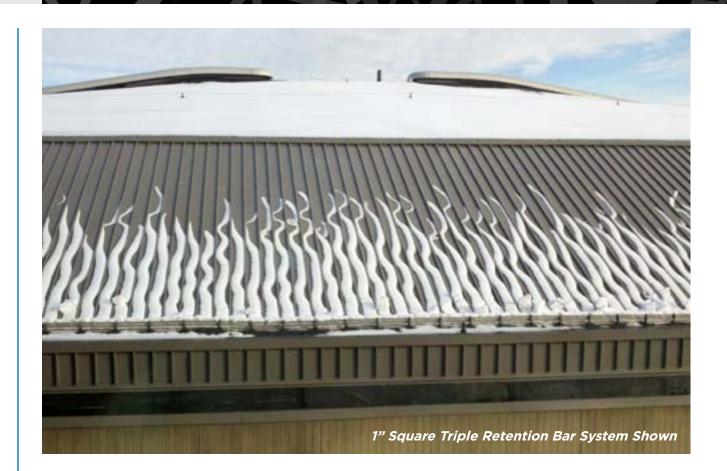




System Ra



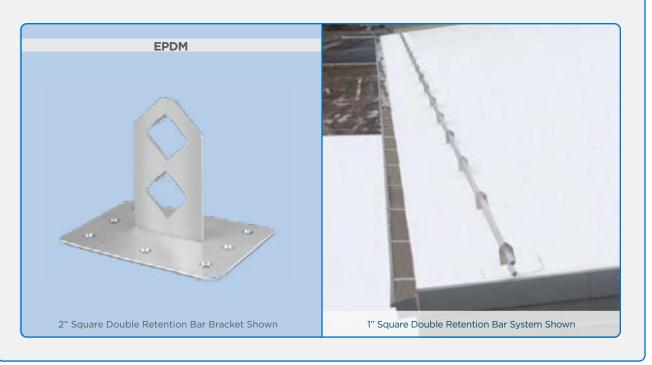
Deck Mount - EPDM Membrane



Overview No matter what type of roof you need to protect, we have a deck mount rail-type snow retention system available. Our EPDM Membrane system will work with virtually any roof coating, EPDM, built-up or modified roof system. Each deck mount system offers an incredibly secure attachment by mechanically fastening to the roof. Each system is available in a single, double, or triple bar support with the options of 1", 2", round, or square tubing. Standard or custom roof panel manufacturers' colors available in powder coating or Kynar finish. Manufactured in stainless steel or brass.



Available Systems



Available Brackets



Additional Options/Accessories

Barricade Plate[™] The Barricade Plate[™] is a available in mill finish mat is installed on the upslope screw that is not visible fr installed, the Barricade Pl

The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.





Rail Syste

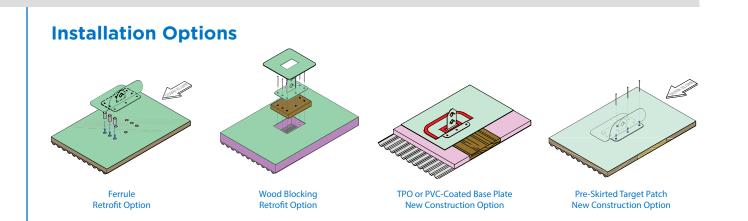




Deck Mount - TPO/PVC Membrane

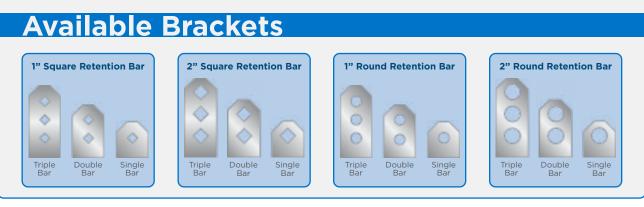


Overview Sno Gem's[®] TPO & PVC-Coated Diamond Series System[™] is the roofing industry's firstever factory applied membrane-coated continuous bar snow retention system for new construction or retrofit applications. The stainless steel base plates/brackets are pre-dipped and available in standard TPO & PVC colors to match the roofing membrane. For ease of installation, Sno Gem's® patentpending Membrane-Coated Diamond Series System™ is now available with a factory applied pre-skirted target patch that is heat welded directly to the TPO or PVC-coated base plate. To install, simply heat weld Sno Gem's® target patch directly to the membrane of the roof. This process reduces labor cost and ensures the system stays water-tight, which is imperative to keep from voiding your roof's warranty*.



Available Systems





Additional Options/Accessories

Barricade Plate™

The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.

Deck Mount

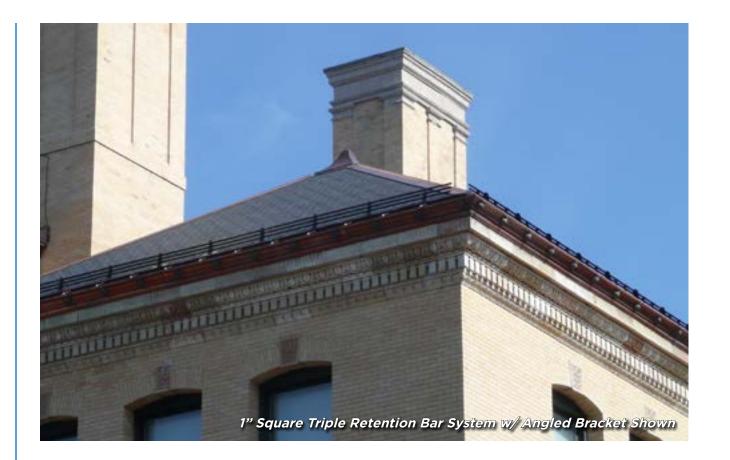




System Π 2



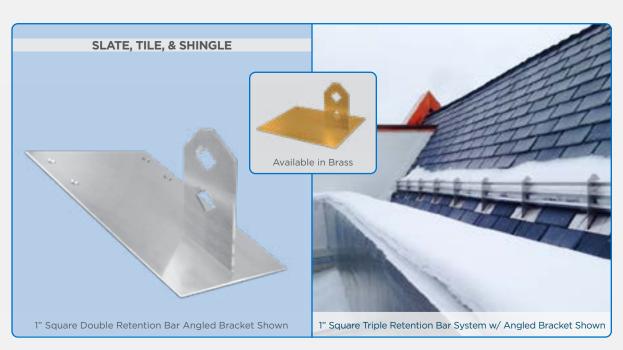
Deck Mount - Slate, Tile, and Shingle

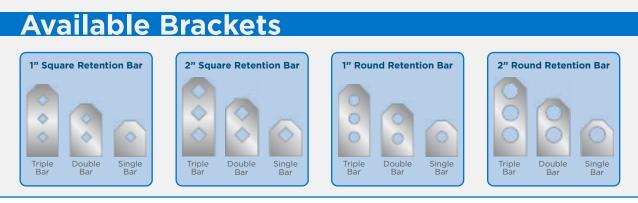


Overview No matter what type of roof you need to protect, we have a deck mount rail-type snow retention system available. Our STS system will work with virtually any slate, tile or shingle roof system which are common in residential homes. Each deck mount system offers an incredibly secure attachment by mechanically fastening to the roof. Each system is available in a single, double, or triple bar support with the options of 1", 2", round, or square tubing. Standard or custom roof panel manufacturers' colors available in powder coating or Kynar finish. Manufactured in stainless steel or brass.



Available Systems





Additional Options/Accessories

Barricade Plate™

The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.

Deck Mount





System Ra



Deck Mount - Specialty Tile



Overview No matter what type of roof you need to protect, we have a deck mount rail-type snow retention system available. Our Spanish and Clay Tile system will work with virtually any Spanish or clay tile roof system. Our Ludowici French Tile system is specially designed to work with Ludowici's French Profile Interlocking tiles. Each deck mount system offers an incredibly secure attachment by mechanically fastening to the roof. Each system is available in a single, double, or triple bar support with the options of 1", 2", round, or square tubing. Standard or custom roof panel manufacturers' colors available in powder coating or Kynar finish. Manufactured in stainless steel or brass.

Available Systems



Available Brackets



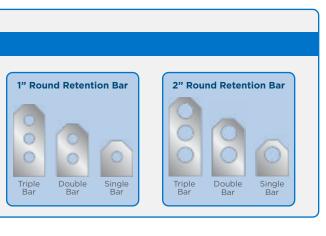
Additional Options/Accessories



The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.

Deck Mount







System Ra



Gem Series



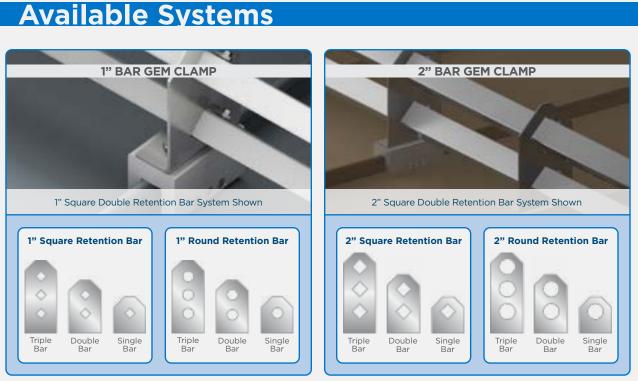
Sno Gem's® Gem Clamp™ is a clamp-to-seam attachment that utilizes the MEC Bracket and Overview allows multiple bar heights and variations to accommodate virtually any snow retention need. The Gem Clamp™ with MEC Bracket is available in multiple sizes and configurations that can attach to most standing seam profiles and provides unparalleled strength using patent-pending WaveLock™ Technology with 5 points of attachment. Offering ease of installation, Sno Gem's® Silver Bullet™ set screws include a rounded bullet tip to maximize strength and won't damage the paint finish or pierce the seam. It can be powder coated or in a Kynar finish that is aesthetically pleasing and matches the standing seam roof system. Additionally, the Gem Clamp™ with MEC Bracket system comes in standard mill finish aluminum material, making it an item you can easily keep in stock when the need arises.

- Aircraft-Grade Aluminum Extrusion
- ♥ Utilizes Patent-Pending WaveLock[™] Technology
- The Attach to Virtually Any Standing Seam Profile
- The second strength & Easy-to-Install
- Non-Penetrating Seam Attachment
- Standard & Premium Finish Options Available
- I Barricade Plate[™] for Sliding Snow & Ice

Made in the USA



All of our clamps come with our Patented WaveLock[™] Technology.



Available Clamps

Full Line of Gem Clamps[™] for Various Standing Seam Profiles





1" Gem Clamp" Mini

1" Gem Clamp" KLOC

Additional Options/Accessories



The Barricade Plate[™] is a recommended accessory available in mill finish material or color to match. It is installed on the upslope side of the bar with a tek screw that is not visible from the ground. Once properly installed, the Barricade Plate[™] is designed to reduce melting snow and ice from sliding underneath the bar.

Gem Series





1" Gem Clamp™ 1" Gem Clamp™ **KLOC Mini** Wide





Sno Barricade®



Overview The Sno Barricade® Clamp-To-Seam Snow Retention System is recognized worldwide for its strength, appearance, design and function. Every inch of the Sno Barricade® system is fully painted in either a powder coating or Kynar finish, and unlike competing products, the Sno Barricade® system's color seamlessly becomes one with your roofing system.

The Sno Barricade® system is simple and easy to install with few required components, regardless of whether installed on a new or existing standing seam metal roof system. The system's unparalleled strength is derived from the unique design of the patent-pending WaveLock™ Technology, which creates an efficient, snowstopping profile. The Sno Barricade® system utilizes 3 points of attachment and is designed to maximize strength, but not to pierce or penetrate the roof panel.



Available Systems







Custom Configurations

Configuration and size of your Sno Barricade® Clamp-To-Seam Snow Retention System is based on the standing seam profile, historic weather patterns, slope of roof, length and width of panel, and other considerations. Sno Gem® representatives will work with you to design the most efficient system to meet your specific requirements.

Melting Snow & Ice From Sliding Underneath the Bar.



Sno Barricade®



System Rai



Individual Seam Mount



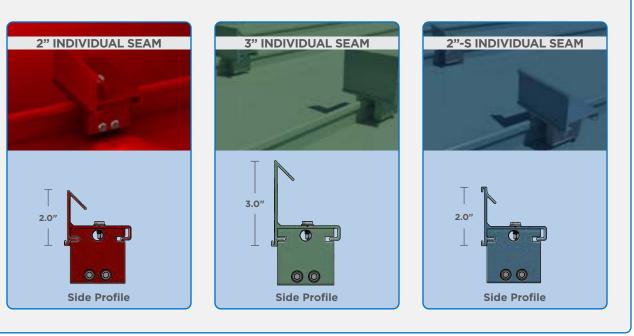
Sno Gem's® Individual Seam Mount Snow Guard is a hybrid clamp-to-seam attachment that Overview utilizes the 1" Sno Blockade™ Cube with a 4" piece of iBeam™ and pre-finished metal trim. The Individual Seam Mount Snow Guard is available in multiple sizes and configurations that can attach to most standing seam profiles and provides unparalleled strength using patent-pending WaveLock™ Technology with 3 points of attachment. Offering ease of installation, Sno Gem's® Silver Bullet™ set screws include a rounded bullet tip to maximize strength and won't damage the paint finish or pierce the seam. Additionally, the Individual Seam Mount Snow Guard system comes in standard mill finish aluminum material, making it an item you can easily keep in stock when the need arises. Once installed, it only takes seconds to attach the pre-finished metal trim from the material that was used to install the panels (not included) onto the face of the iBeam™ to have an aesthetically pleasing and effective snow retention system that matches your standing seam roof system.

- The Aircraft-Grade Aluminum Extrusion
- ♥ Utilizes Patent-Pending WaveLock[™] Technology
- The Attach to Virtually Any Standing Seam Metal Roof
- Non-Penetrating Standing Seam Attachment
- Available in Multiple Sizes & Configurations
- The second strength & Easy-to-Install
- **W** No Painting Required
- Made in the USA



All of our clamps come with our Patented WaveLock[™] Technology.

Available Systems



Available Clamps

Full Line of Sno Cubes™ for Various Standing Seam Profiles Sno Cube™ Sno Cube™ Mini Sno Cube™ KLOC Sno Cube™ KLOC Mini Sno Cube™ Wide







Individual Seam Mount





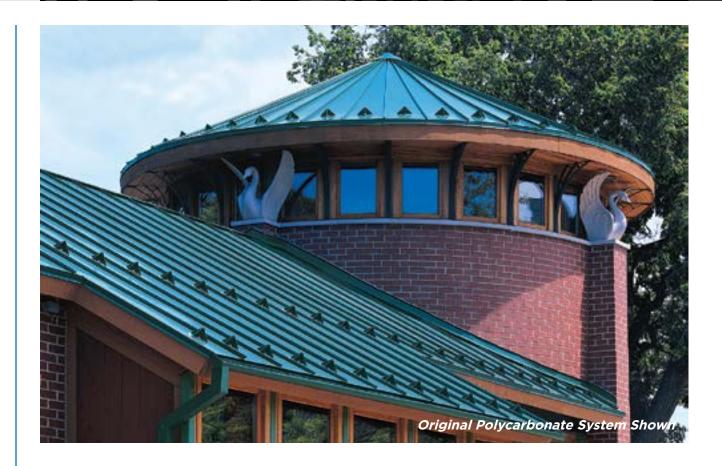


Ask about our HD clamps designed for the most severe snow loads.





Polycarbonate



Developed by architectural sheet metal professionals, the Original Polycarbonate™ Overview offers 25 square inches of bonding surface - the larger the base, the greater the holding power. The Original Polycarbonate has the largest base available in the industry! Manufactured from clear UV-stabilized polycarbonate material, or in a color that is injected throughout the product and matched to any standard roof panel. Diagonal installation creates a 7" barrier for more coverage per unit on wider panels. Apply using 3M VHB Tape, tube adhesive, or a mechanical fastening application.

Manufactured from UV-stabilized polycarbonate, the unique design of these crystal-like guards suspends the field of snow until the snow and ice gradually melt under the sun's rays.

CUT: Sno Gem® snow guard's prismatic design was developed by architectural sheet metal professionals with over 100 combined years of on-the-roof experience.

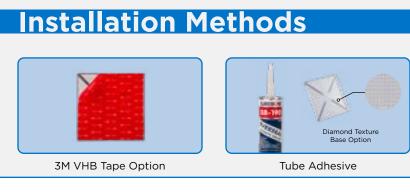
CLARITY: Sno Gem[®] offers a clear prismatic snow guard which retains its crisp, clean and architectural appeal. There's no metal to rust or stain. Sno Gem® snow guards are unaffected by climate extremes.

COLOR: Sno Gem[®] snow guards can be matched to all industry standard metal roof colors. Sno Gem[®] also offers an unlimited amount of custom colors to closely match the metal roof panel. The color is injected throughout the product.

CARAT: The true measure of a gem's worth. At the heart of each Sno Gem® is an engineered, multi-directional, multi-purpose drain opening for melting snow and ice to flow freely, plus heat cables can be easily routed through the opening.

Available Systems





Polycarbonate







Mechanical Fastening



Polycarbonate



The 2" Junior Polycarbonate™ offers a 12.5 square inch bonding surface and 2" base Overview to fit specific panel systems with intermediate ribs and corrugated metal panels. (The 1.5" Junior Polycarbonate™ offers a 9.38 square inch bonding surface and 1.5" base.) Manufactured from clear UV-stabilized polycarbonate material, or in a color that is injected throughout the product and matched to any standard roof panel. Apply using 3M VHB Tape, tube adhesive, or a mechanical fastening application.

Manufactured from UV-stabilized polycarbonate, the unique design of these crystal-like guards suspends the field of snow until the snow and ice gradually melt under the sun's rays.

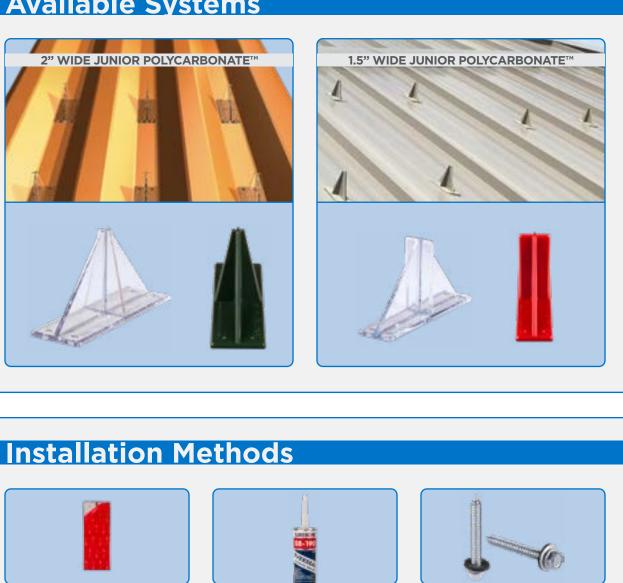
CUT: Sno Gem® snow guard's prismatic design was developed by architectural sheet metal professionals with over 100 combined years of on-the-roof experience.

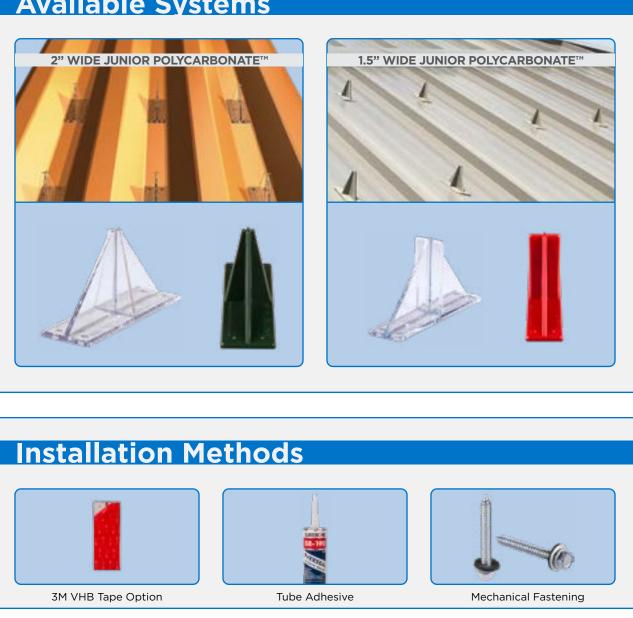
CLARITY: Sno Gem[®] offers a clear prismatic snow guard which retains its crisp, clean and architectural appeal. There's no metal to rust or stain. Sno Gem® snow guards are unaffected by climate extremes.

COLOR: Sno Gem[®] snow guards can be matched to all industry standard metal roof colors. Sno Gem[®] also offers an unlimited amount of custom colors to closely match the metal roof panel. The color is injected throughout the product.

CARAT: The true measure of a gem's worth. At the heart of each Sno Gem® is an engineered, multi-directional, multi-purpose drain opening for melting snow and ice to flow freely, plus heat cables can be easily routed through the opening.

Available Systems





Polycarbonate



Systems Pad



Original Metal

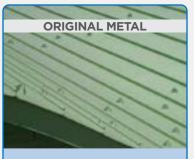


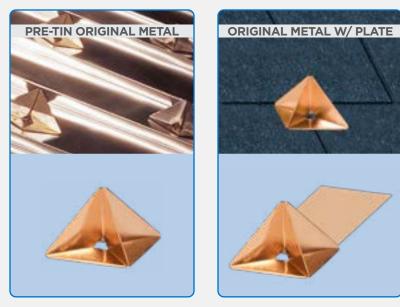
Original: Formed after the Sno Gem® Original Polycarbonate, this prismatic design Overview is available in any standard or custom pre-finished color and can be manufactured in any metal form, including: pre-finished aluminum or steel in Kynar 500 finish, stainless steel and Galvalume. Diagonal installation creates a 5" barrier for more coverage per unit on wider panels. The Original Metal[™] snow guard is installed using tube adhesive or a mechanical fastening application.

Pre-Tin: Formed after the Sno Gem[®] Original Polycarbonate, this prismatic design is available in the following specialty metals: copper, lead coated copper, Freedom Gray and zinc. Diagonal installation creates a 5" barrier for more coverage per unit on wider panels. The Pre-Tin Original Metal™ is installed using a patented pre-tinned backing for soldering to the specialty metal roof systems listed above simply clean and heat the roof system per the manufacturer's installation instructions.

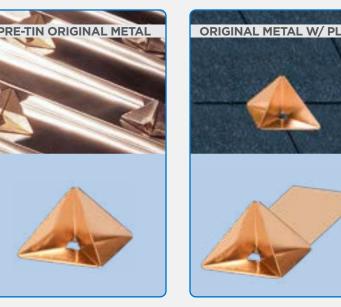
With Plate: Formed after the Sno Gem® Original Polycarbonate, this prismatic design is available in any standard or custom pre-finished color and can be manufactured in any metal form, including: copper, lead coated copper, pre-finished Kynar 500 finish, stainless steel, galvalume, aluminum, zinc, Freedom Gray and Terne Metals. The Original Metal™ is installed using custom length plate attachments for installation on slate, tile and asphalt shingle roof systems.

Available Systems









Installation Methods





Surebond SB-190 Adhesive

Mechanical Fastening

Additional Options/Accessories Isopropyl Alcohol

Original Metal



Systems Pad



Half Carat



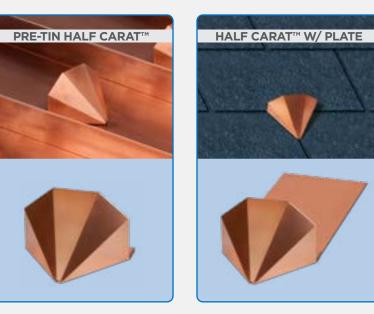
Overview Original: This traditional design is available in any standard or custom pre-finished color and can be manufactured in any metal form, including pre-finished aluminum or steel in Kynar 500 finish, stainless steel and galvalume. The Half Carat[™] metal snow guard is installed using tube adhesive or a mechanical fastening application.

Pre-Tin: This traditional design is available in the following specialty metals: copper, lead coated copper, Freedom Gray and zinc. **The Pre-Tin Half Carat™ metal snow guard is installed using a patented pre-tinned backing for soldering to the specialty metal roof systems listed above - simply clean and heat the roof system per the manufacturer's installation instructions.**

With Plate: This traditional design is available in any standard or custom pre-finished color and can be manufactured in any metal form, including copper, lead coated copper, pre-finished Kynar 500 Metal, stainless steel, galvalume, aluminum, zinc, Freedom Gray and Terne Metals. The Half Carat™ metal snow guard is installed using custom length plate attachments for installation on slate, tile and asphalt shingle roof systems.

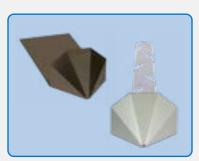
Available Systems





Installation Methods





Surebond SB-190 Adhesive

Mechanical Fastening

Additional Options/Accessories

Half Carat



Pad System



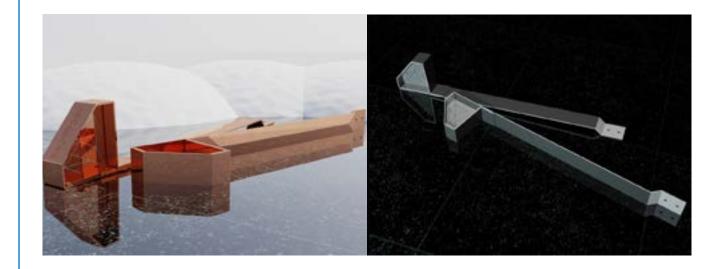
Diamond Guard[™]



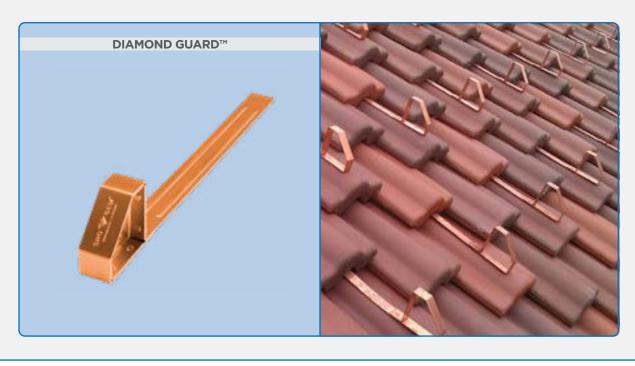
Overview

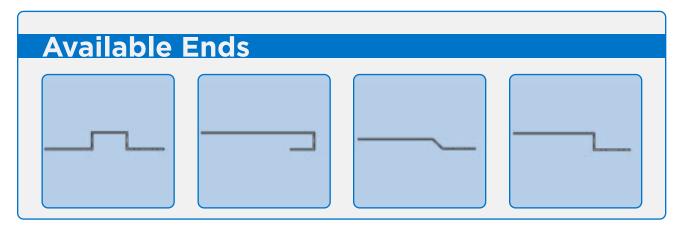
Diamonds Are A Roof's Best Friend[™] - The Diamond Guard[™] can be installed on virtually any slate, tile or shingle roof system. The recommended Diamond Insert™ adds unparalleled strength and unmatched appearance.

Custom fabricated tab length and end configurations to fit any slate, tile or shingle manufacturer. Also available with slotted tabs for retro-fit installations.



Available Systems









Slotted Tab Option for Retrofit Applications

Diamond Guard[™]



Systems Pad



Uni-Cube[™]



Overview

Sno Gem's® Uni-Cube™ is truly a universal clamp-to-seam attachment solution for virtually any miscellaneous roof system improvement, such as roof penetrations, HVAC/rooftop equipment, pipes/ conduits, dishes/antennas and signage. The Uni-Cube™ is available in multiple sizes and configurations that can attach to most standing seam profiles and provides unparalleled strength using patent-pending WaveLock™ Technology with 3 points of attachment. Offering ease of installation, Sno Gem's® Silver Bullet™ set screws include a rounded bullet tip to maximize strength and won't damage the paint finish or pierce the seam. Simply mount any roof system improvement directly to the Uni-Cube™ with the set screws and installation is complete. Additionally, the Uni-Cube™ is available in standard mill finish aluminum material, making it an item you can easily keep in stock when the need arises. The Uni-Cube™ can be powder coated or in a Kynar finish that is aesthetically pleasing and matches the standing seam roof system. Sno Gem® is pleased to offer manufacturers and distributors private-labeling for all clamp-to-seam products based on volume.

- Aircraft-Grade Aluminum Extrusion
- ♥ Utilizes Patent-Pending WaveLock™ Technology
- Attach Virtually Anything to Standing Seam Metal Roofs
- Non-Penetrating Standing Seam Attachment
- Available in Multiple Sizes & Configurations
- The second strength & Easy-to-Install
- No Painting or Mounting Kits Required

36



All of our clamps come with our Patented WaveLock[™] Technology.

Available Systems



Available Clamps

Full Line of Uni-Cubes[™] for Various Standing Seam Profiles





Uni-Cube™ KLOC

Uni-Cube[™]



Roof Ac



Ask about our HD clamps designed for the most severe snow loads.





Uni-Cube™ KLOC Mini



Uni-Cube™ Wide



©2023 Sno Gem, Inc.

INFO@SNOGEM.COM

Raising the Bar in Snow Retention

SNOGEM.COM

888-SNO-GEMS

*Seller assumes no responsibility for the warranty. Check your roof manufacturer's warranty information before installation.