



S-5!™

Unprecedented Innovation
Unmatched Quality
Unbelievable Price

COLORGARD®

Why ColorGard®?

The sudden and unexpected release of snow from the roof poses a serious threat to property and passers-by. ColorGard® dramatically reduces the risks associated with rooftop avalanche. ColorGard® maintains the clean, colorful appearance of the roof with perfect color and finish matching that lasts as long as the roof itself! ColorGard® is the only snow retention system designed and engineered on a site-specific basis; guaranteed to perform, not damage the roof or finish and to exactly match the roof color for the entire life of the roof.*.

No other snow retention system or product can make this claim.

Today's premium Kynar and Hylar (PVDF) paint systems used on metal panels are "coil-coated" and oven-cured. This is the only finish application method that can be **warranted against color fade for 30 years or longer.**

ColorGard® has no equal, period.

Why settle for less in a snow guard system? While some dyes, powder-coats and air-dried color application methods may initially simulate a perfect match, the color soon begins to fade and becomes increasingly mismatched with a few years of age.

By employing a strip of the actual roofing material, ColorGard® perfectly matches the roof - forever!

See optional Limited Lifetime Warranty Information at the S-5™ website (www.s-5.com)

- *Unsurpassed holding strength.*
- *Perfect color-match*
- *Easy to Install*
- *Optional lifetime Warranty**



1-800-999-6240

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How Is ColorGard® Attached?

ColorGard® is mechanically attached with patented S-5™ clamps - the trusted name in metal rooftop attachment technology world-wide. S-5™ clamps' patented, round-point set screws grip the seam securely without penetration and without damage to the panel's protective finishes. The clamps are precision machined from aircraft quality, high tensile aluminum - not cast or plastic. All related hardware is non-ferrous stainless steel for lasting performance.

Don't let the compact size of S-5™ clamps fool you! In this case, bigger is not better! The holding strength of S-5™ clamps has been thoroughly tested and remains unsurpassed by any other non-penetrating attachment known today. Ultimate holding strength of S-5™ averages over 1,800 pounds with some values over 3,000 pounds - many times that of alternative products.



S-5™ clamps will fit virtually all seam profiles (only a small sampling shown here).

The premium finishes used on today's metal roof products are fluorocarbons - paint resins similar in chemical composition to "Teflon", the popular non-stick coating. The benefits of this type of paint are related to its nonstick characteristics. Chemical bonds like tapes, glues and adhesives provide only temporary and unreliable solutions. Other mechanical alternatives involved in penetrating the roof or galling the surface result in leakage, corrosion and voided warranties. Our S-5™ patented attachment technologies with ColorGard® provides a solution lasting the life of the roof

Can ColorGard® be Retrofit to an Existing Roof?

Yes, due to the attachment method and simple installation procedure, ColorGard® can be easily retrofitted to existing roofs or incorporated into new construction design. ColorGard® can be installed any time of year.



Askew can be used at valleys or skewed conditions.

Can ColorGard® Be Used On Other Roof Types?

With S-5™ VersaBracket™, ColorGard® can be used on almost any roof type, including nonmetallic roofs.

There are no messy sealants to apply and no chance for leaks, since VersaBracket™ comes with pre-applied sealant in the base; thereby, water proofing its attachment. Just peel the release paper and fasten through the pre-punched holes. VersaBracket™ is compatible with almost any face-fastened metal panel system, metal tile, metal shingle, single ply composition and composition shingle. The ColorGard™ cross-member simply fastens to VersaBracket™ with self-drilling screws.



VersaBracket™ allows Color Gard® to attach to other roof types. Simply peel the release paper and fasten.



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Is Design Assistance Available for ColorGard®?

Only the best in the business! It is critical to design a solution that takes into account the effects of gravity on a snow-covered roof, pulling the blanket of snow down the roof's slope. Because these "drag loads" or "gravity loads" are based upon the snow load, roof slope, and rafter length, they change with each project, and must be quantified on a site-specific basis. The tested holding strength of the ColorGard® must be checked and proven against the actual "in-service" gravity loads of the roof. This important step in application engineering should not be omitted for any snow retention product—or any project.

For this design assistance, consult with your distributor or use our online calculator to help quickly and easily design each job. The calculator will help you to engineer the ColorGard® system on a project-specific basis, allowing for all the variables involved—and even provide a print-out of the calculations and a material requirement list.

S-5!™ clamps have been tested for ultimate and allowable snow loads on various panel seams and profiles. Test results are available from your distributor or at the S-5!™ website. All loads applied to the S-5!™ ColorGard® system will be transferred to the roof panels and building structure. Panel attachment and structure must be verified to be adequate to resist these loads! When in doubt, consult with a qualified structural engineer.

The premium finishes used on today's metal roof products are fluorocarbons—paint resins (polyvinylidene difluoride or PVDF) that are similar in chemical composition to "Teflon," the popular non-stick coating. Indeed, the benefits of this type of paint are related to its nonstick characteristics. Understandably, gluing a device to a non-stick surface results in unreliable performance and high failure rates.

Unlike S-5!™ clamps, which can be installed any time of year using power tools which are common to the trade, most adhesives are temperature cure compounds. That means they can be applied only in warm weather and require weeks to cure, limiting their installation seasonally.

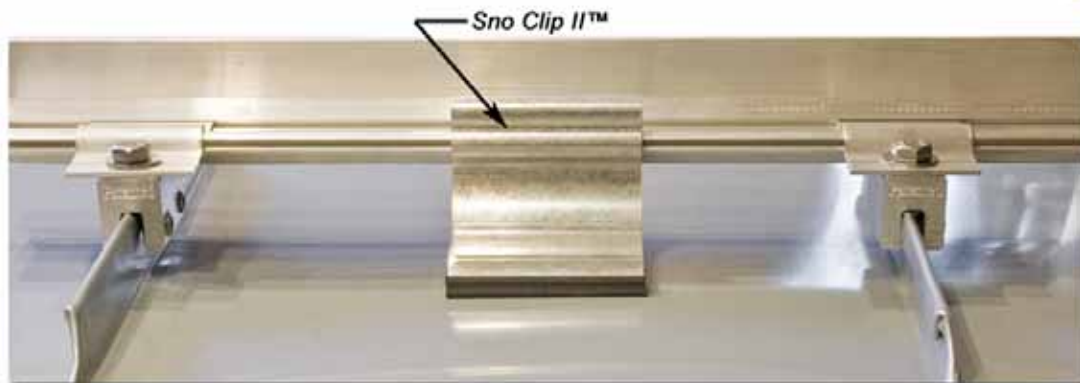


When the snow is gone, the clean lines and unobtrusive appearance of ColorGard® blend right into the roofscape.

COLORGARD®

S-5!

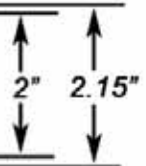
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SnoClip II™



Substrate Shown:
RHEINZINK®



How Easy Is It To Install?

Once designed, ColorGuard® is easy to install and requires only tools that are common to the trade. First, using an electric gun (and driver tip provided with the clamps), attach the S-5!™ clamps true-to-line on the roof seams. Next, slide the color strip into the cross-member, and bolt the cross-member to the clamps also using splice-connectors provided. Then simply snap on the SnoClips™.

Because S-5!™ ColorGuard® uses mechanical attachment rather than adhesives, installation can be done any time of year, with no cleaning, no priming, no cure times, and no call-backs!

What About Cost?

S-5!™ ColorGuard® is the best buy on the market!

This is the best news of all! ColorGuard® has greater holding strength, better aesthetics, longer service life, AND lower installed cost than any other engineered system on the market. Pound-for-pound of holding strength, ColorGuard® is also a better buy than individual cleat type units.



Weather Guard Building Products

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SEATTLE • 253-395-9427 (wgbp) FAX 253-395-8344
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