ColorGard®2.0 *Installation Instructions*

Providing *The Right Way*™ to attach virtually anything to metal roofs worldwide.

S-5!® *The Right Way*

ATTENTION! This document is a guide only. This product may not be suitable for every application. The user is responsible for all necessary application engineering and design. We have online tools to help with this. Please scan the QR code to the right for additional information, warnings and disclaimers regarding product use.

You can also view load test results at www.S-5.com where applicable, or contact your S-5!® distributor for more information.

⚠ ATTENTION INSTALLERS ⚠

PLEASE READ THESE INSTRUCTIONS ALL THE WAY THROUGH BEFORE BEGINNING WORK.
IT WILL SAVE TIME, MONEY AND PREVENT MISTAKES!

Components

Crossmember and Splice

Unpunched and punched crossmembers are available. Use the included splice to join two pieces of crossmember together, ensuring structural continuity. ColorGard 2.0 now accommodates a wider allowable span, up to 42-inch seam spacings.



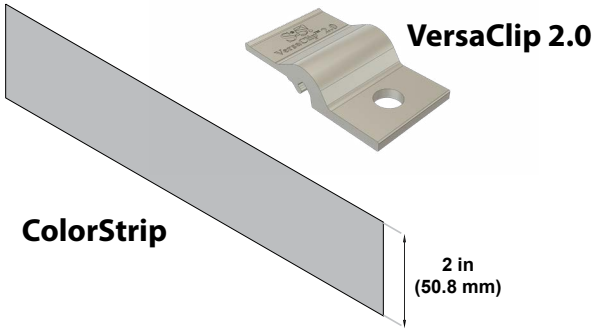
SnoClip™ 2.0

SnoClip can be added to slow the migration of snow and ice beneath the crossmembers. Simply hinge it onto the ColorGard crossmember during or following installation and secure the fastener to engage the SnoClip foot onto the roof.



VersaClip™ 2.0

VersaClip is placed "on the fly" as the ColorGard crossmember is installed. (No preassembly)



ColorStrip™

Not included: The **ColorStrip** can be obtained in **2-inch (50.8 mm) wide strips** by the roofing material manufacturer to ensure a perfect color match and durability.

Note: It is recommended to have the ColorStrip **sheared**, not slit, during manufacturing to maintain clean edges and optimal performance. Use **tin snips** to trim the ColorStrip to the required length on-site as needed.

Scan QR Code

FOR INSTALL TIPS, VIDEOS AND WARRANTY INFORMATION.

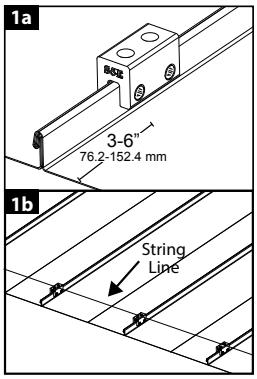
Tools Required:

- Screw Gun
- 13mm Socket for Impact or Ratchet [Box-End Hand Wrench Optional]
- Reciprocating Saw or Circular Saw with Non-Ferrous Blade [minimal use]
- String Line
- Calibrated Dial Indicating Torque Wrench
- T30 Torx Bit [provided]
- Vice Grip Pliers

ColorGard® 2.0 Installation Instructions

888-825-3432 www.s-5.com

How to Install ColorGard:



1 INSTALLING S-5! CLAMPS/BRACKETS

PRO TIP | **If desired, attach the VersaClip 2.0 to the VersaBracket on the ground, making sure to leave the nut and bolt loose so the crossmember can be snapped into place on the roof.**

Step* 1a*: Preparing the Clamps/Brackets

I. Review the **S-5! instructions** for your specific S-5! clamps or brackets. Read these instructions to the end before beginning work—it will save time and avoid mistakes.

II. Attach a clamp/bracket within **3-6" (76.2-152.4 mm) of the eave** at both ends of the planned installation area.

Step* 1b*: Aligning Clamps/Brackets with a String Line

I. Stretch a **tight string line** between the two end clamps/brackets.

- Make sure the line is taut to avoid sagging or being affected by wind.

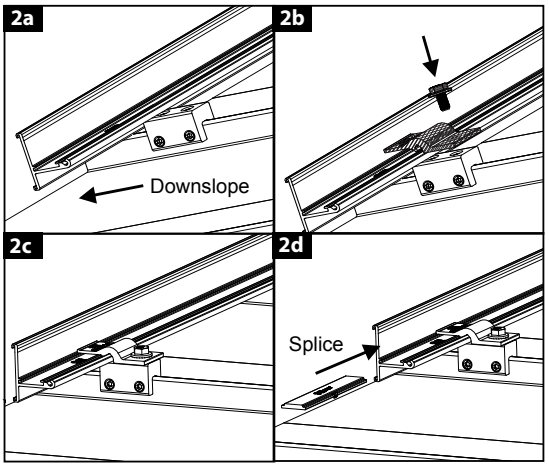
II. Then install all clamps/brackets to line at their predetermined spacing.

Note for Longer Assemblies: *For installations that span longer distances, additional intermittent clamps or brackets should be used at intervals to stabilize and anchor the string line securely in place.*

2 INSTALLING THE COLORGARD CROSSMEMBER

Step* 2a*: Place the Crossmember

I. Position the crossmember **downslope** of the installed S-5! clamps/brackets.



Step* 2b*: Attaching the Crossmember

For Unpunched Crossmembers:

- Place the **VersaClip** on the crossmember at each clamp/bracket location.
- Secure the crossmember using the provided **stainless steel M8 bolts** through the **upslope** clamp hole.
- Leave the bolts **loosely tightened** to allow for adjustments as the assembly progresses.

For Punched Crossmembers:

- Secure it using an **M8 bolt** through the **downslope** clamp hole (no VersaClip required).
- Leave the bolts **loosely tightened** to allow for adjustments as the assembly progresses.

Step* 2c*: Tightening the Bolts

Note: *if installing ColorStrip, please read Step 3 before tightening the bolts.*

I. Once the entire assembly is aligned and adjustments are complete, tighten all bolts progressively to achieve or exceed the specified torque: **160 inch-pounds (18 Nm)** for unpunched/punched crossmembers

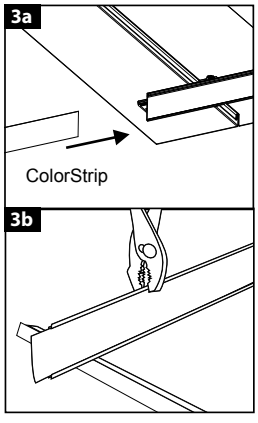
Step* 2d*: Connecting Crossmembers with Splices

I. Insert a **splice piece** at each joint between crossmembers to maintain structural integrity.

- If trimming the crossmember at the end of assembly, ensure the crossmember does not cantilever more than **8" beyond the last clamp/bracket**.
- Secure trimmed sections with **at least two** clamps/brackets.

Note: *For unpunched crossmembers at splices, the VersaClip can be placed directly at the clamp/bracket location if needed.*

3 INSTALLING THE COLORSTRIP



Step* 3a*: Insert the ColorStrip

I. As you assemble the system, slide the **ColorStrip** into the crossmembers while the bolts remain loose to allow for smooth insertion of the strip

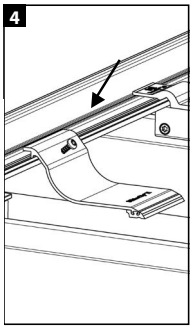
II. Stagger the joints of the ColorStrip from the crossmember joints to conceal connections.

III. Overlap adjacent ColorStrips by **.5 inch (13 mm)**

Step* 3b*: Secure the ColorStrip

I. Use **vice grip pliers** to pinch the retainer lip of the crossmember at various points along its length. This prevents the Color-Strip from shifting laterally during or after installation.

4 INSTALLING THE SNOCLIP



I. **Position the SnoClip**

- For one SnoClip per panel, center it on the crossmember between two clamps/brackets.
- For two or more SnoClips per panel, space them evenly between the clamps/brackets to ensure uniform support.

Important: *SnoClip 2.0 should be placed between panel striations, not on top. Do not install SnoClip where it cannot fully engage the crossmember, including at or near the small gaps created by the splices.*

II. **Attach the SnoClip**

- Hinge the SnoClip directly onto the crossmember.
- Ensure the rubber foot engages the surface of the panel for proper functionality.

III. **Secure the SnoClip**

Drive the included fastener through the prepunched hole in the SnoClip 2.0 to secure it to the crossmember using the T30 bit. Tighten the screw until the head is fully seated against the SnoClip 2.0.

SnoClip 2.0 II	SnoClip 2.0 III
Designed for Seam Heights of 1" - 2"	Designed for Seam Heights of 2" - 3¼"

Important Notice! *When installing any S-5! snow retention assembly with SnoClip, be sure that the toe of the SnoClip part bears on an area of the roof panel that is well supported and not subject to excessive deflection. Should panel deflection be excessive under load allowing the SnoClip to rotate under the ColorGard, then SnoClips should not be used.*

Note: Any S-5! warranty and/or calculation may be void if hardware is used that was not furnished by S-5! directly or through one of their licensed distributors or any assembly that has not been tested by S-5! These instructions are for use by those experienced in the trade. Always follow appropriate safety precautions and use appropriate tools.

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