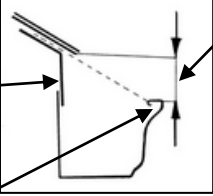


How to Install IG2™ Attach

- Please read ALL the instructions before you begin! It's not a step-by-step process.
- When you install IG2™, make sure you leave no open areas.

Make sure that the back side of gutter is overlapped with flashing



Set the micro mesh at a downward pitch of:

- 2 1/2" or more at high-flow areas (min 1 3/8")
- 1" or more at other areas (min 1/2")

Reset gutters as needed.


Remember: the greater the pitch, the better it works! Do not allow micro mesh to sag. Setting pitch at minimum slows self cleaning process.

Re-seal existing gutter seams **all the way** up to outside gutter edge

Attach F-Channels to the **even edge**. Set screws 6" to 8" apart.




Cut micro mesh into shorter sections if it's too long to handle.



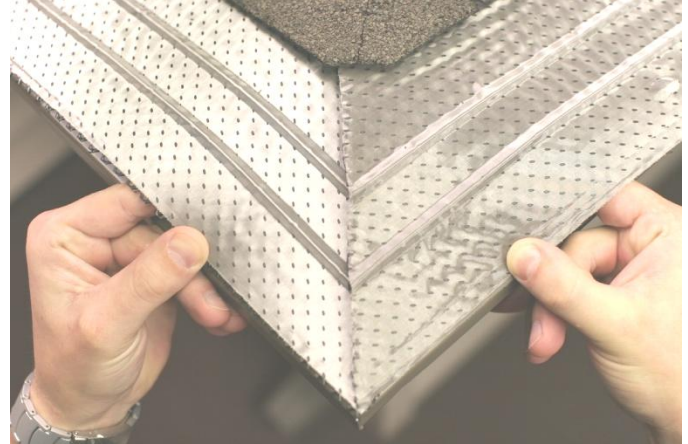
F-Channel

Attach micro mesh (with F-Channels) to the gutter flashing. Set screws 6" to 8" apart.

Lay the micro mesh over the gutter as shown. Trim the uneven edge (with the exposed black screen) so it's even with the gutter edge, using snips or a utility knife.

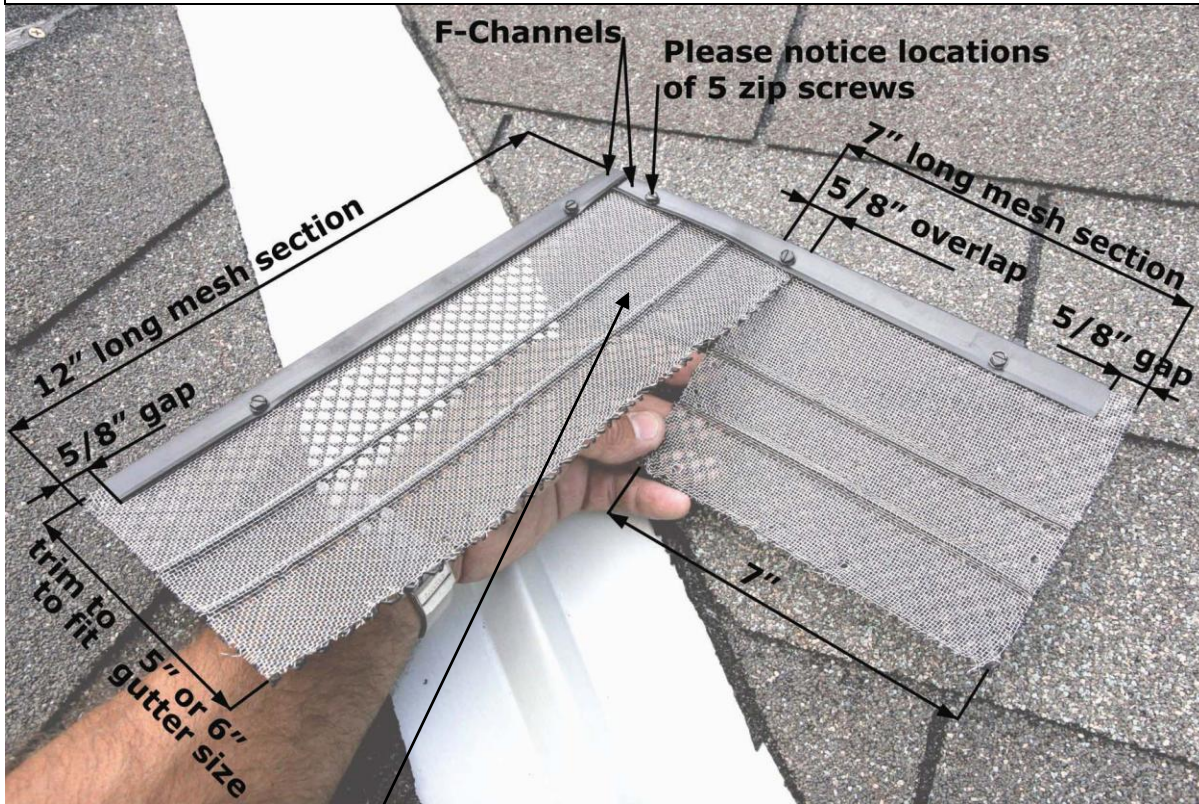


At outside corners: Miter micro mesh as shown; Keep seams narrow, approx. 5/8" wide.



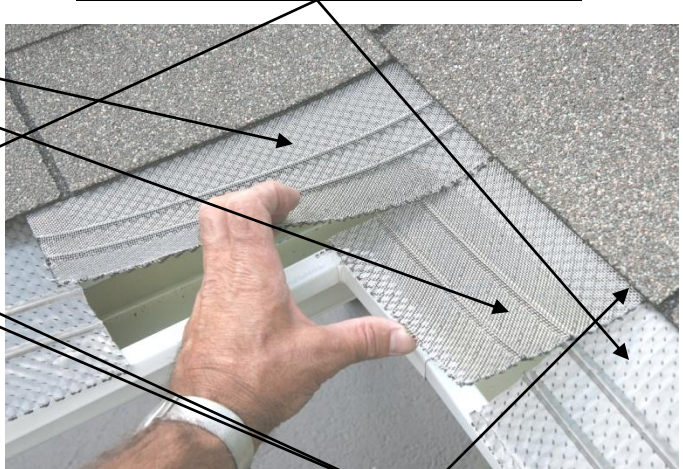
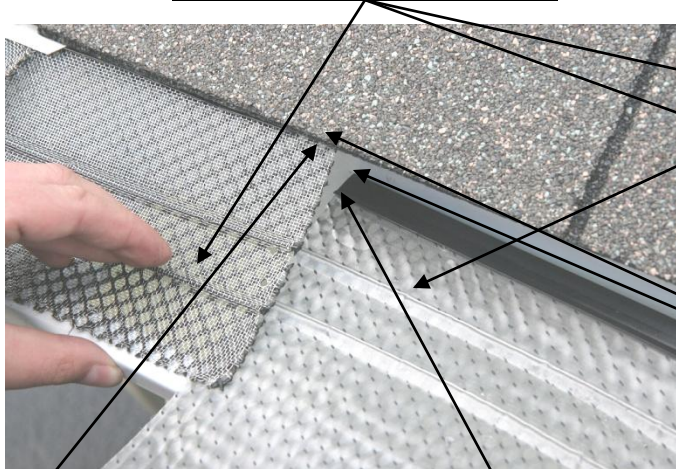
Installing IG2™ with F-Channels at inside gutter corners

Prepare **Inside Corner Inserts** using **High-Flow Mesh** and **F-Channels**. Then, using zip screws, install it in place by attaching the F-Channel's vertical legs to gutter flashing.



The **Inside Corner Insert** is made of High-Flow-Mesh and F-Channels

Attach IG2™ Micro Mesh and its F-Channels right next to the **Inside Corner Insert**



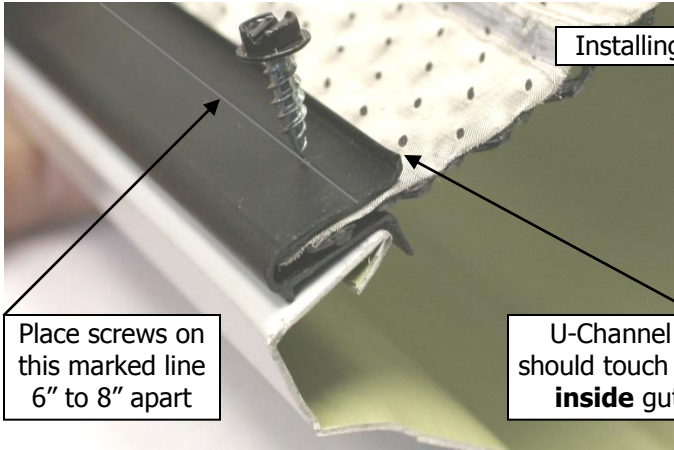
Remember that for **Inside Corner Inserts**, the F-Channel ends **here**—5/8" away from the mesh edge.

Notice that the F-Channel's side edge lines up with the IG2™ Micro Mesh side edge

Butt both F-Channels against each other. This will create a desired 5/8" overlap in the right direction.



Stitch every seam with stainless steel wire



Place screws on this marked line 6" to 8" apart

Installing U-Channels

U-Channel **top** edges should touch each other at **inside** gutter corner



Before you screw U-Channels at inside gutter corner, put a bit of clear silicone caulking between U-Channels and gutter rim (approx. 6" in each direction).



Use U-Channel to finish at the end cap



Completing high flow areas:

Important: Make sure ALL high-flow areas pass the garden hose test! Remove the nozzle from your garden hose, position it over the high flow area, and run it full strength. (At extremely large high-flow areas use bucket of water instead of garden hose.) Your goal: no overflows or leaks. Adjust as necessary; don't move on until it passes the test.

Keep in mind:

1. IG2™ can handle very heavy downpours, even at large roof valleys, as long as you slow down that running water.
2. Make sure you install IG2™ High-Flow Mesh under high-flow areas.
3. While testing any given area, **allow the water to run for at least 30 seconds. That's how long IG2™ Micro Mesh needs to reach its full filtration ability.**

If necessary, you can install Water-Speed Controllers at the bottom of your high-flow areas. You can make these yourself out of rigid metal, matching the material and color to your roofing surface.

- For asphalt shingles, use .032 gauge gutter coil. Choose a color that matches your shingles.
- For copper valleys, use copper sheet.

Water-Speed Controllers on "W" style metal valley *(They are essentially two metal strips that you rivet to the end of the roof valley to disperse the running water over a larger area. Use gutter sealant to seal all rivets and connecting points between the Water-Speed Controllers and the metal valley.)*



Adjust and re-form the metal strips as needed to spread the water over the largest possible area of IG2™, eliminating overflows and leaks.



Water-Speed Controllers installed on straight part of asphalt shingle roof. They can be installed in a similar way on any other type of roof.

If you have a different roof valley and/or different roof surface, see our additional instruction sheet: [How To Install Water-Speed Controllers](#). For more information visit www.InvisiGuard.net

(IG2™ is protected by U.S. Patents: 7,056,433; 7,198,714 and Patents Pending.)