



# GutterGrip® Installation Guide

See: [www.guttergrip.com](http://www.guttergrip.com) for additional installation instructions

**Warning:** Installation of a gutter protection system requires prior experience in working with tools, comfort in working on a ladder to install roofing related products, and the ability to accurately assess the condition of the roof and measure for the appropriate use of the components of the system. Your local roofing or gutter dealer can easily install this product, and you should call a professional to assist you if you have any concerns. It is NOT recommended to install gutter protection if you are not comfortable meeting these requirements or have no prior experience in building & remodeling.

## SAFETY

- ✓ Always use caution when setting up and tearing down ladders
- ✓ Use stabilizer bars when working with overhangs/eaves
- ✓ Use goggles
- ✓ Never leave a ladder unattended
- ✓ Never leave the Top Cap panels or tools unattended on the roof

## PRE-INSTALLATION INSPECTION

### CONDITIONS NECESSARY FOR INSTALLATION:

- Temperature should be above freezing (32°F) and below 80°F.
- Do NOT install in rain, snow or windy conditions.
- Do NOT install if shingles are hot enough to burn the skin.
- The Gutter system must be free of holes; if not replace.
- The Wood behind gutters must be dry and free of rot; if not replace prior to installation of this product.

### SHINGLES & COLOR MATCHING:

- A typical installation uses asphalt shingles of any type
- Match the color of the roof/shingle to the Top Cap, **NOT** to the gutter.
- Flat roofs or roofs without asphalt shingles will require a "Fascia Mount" installation. See Below.

### TOOLS & MATERIALS NECESSARY FOR INSTALLATION – NOT INCLUDED

3/8" 18v cordless screw gun or power drill	Power Miter Saw
Aluminum Brake for bending Top Cap panels (can be rented)	Channel Lock, angled nose pliers
1/4" Magnetic deep well hex head drive bit	Tape Measure
5"-6" extension for bit	Garden Hose
Narrow (2-3") Flat Bar	Asphalt Sealant
Extension Ladder(s)	Color Matched OSI Caulk
Sheet Metal Snips	Touch Up Paint
Caulk Gun	Screws – 1 1/2" galvanized zip for Hidden Hanger
Step Ladder	

### GUTTERGRIP ITEMS INCLUDED:

1. 5' Piece(s) of Kynar coated Top Cap
2. Color Matched End Cap(s)
3. Color Matched 8x 1/2" End Cap screws
4. Grip Brackets
5. Hidden Hangers
6. Color Matched Inside Corner(s)
7. Color Matched Outside Corner(s)
8. GutterGrip® Installation Guide
9. Homeowner 30 year Warranty
10. Homeowner Care & Maintenance Card
11. GutterGrip® Brochure

## THINGS TO REMEMBER

- Always start from the end of a gutter run or from the left side of an Inside or Outside corner.
- Always work from left to right.
- If gutters are not flashed, flashing should be installed to keep water from splashing between the gutter and the fascia board.



## 8 STEPS TO A SUCCESSFUL INSTALLATION

You are now ready to begin. There are 8 simple steps to follow to complete a successful installation. We have provided you with an Instruction Manual that is easy and comprehensive; it will take you from preparation, layout and measurement, through all 9 steps, ending up with a beautiful all season addition to protecting your home and investment. Let's begin.

### PRE-INSTALLATION NOTES:

1. Sketch & measure gutter runs to determine amount of running feet of Top Cap needed.
2. Count the number of End Caps needed.
3. Count the number of Inside and Outside Corners needed.
4. Identify the type & height of ladders needed.
5. Always install from the ladder and NOT the roof.
6. The Hanger/Bracket should be placed every 2' in the gutter and should be parallel to the ground.
7. The Hanger/Bracket should be no less than 5" away from the Inside and Outside corners on both runs to ensure proper spacing.
8. Hanger/Bracket should be no more than 6" away from each seam under any Top Cap panel that overlaps another panel.
9. If the last panel in a run is less than 2' long, cut the first panel down to extend the length of the last panel to be greater than 2' long.

### 1. CLEAN THE GUTTERS

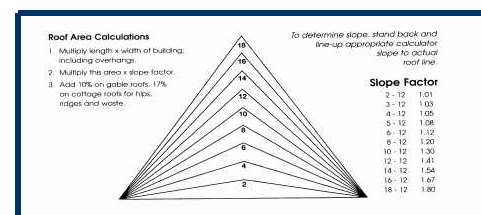
- Remove all debris from gutters & downspout openings.
- Take the garden hose and flush water through the gutter system.
- Re-seal the existing gutter end caps, seams and corners (if needed).

### 2. CHECK PLACEMENT OF GUTTER

- Gutters should be positioned at least 1" below the roof line.
- If the gutter is positioned snug to the roof line, the gutter may need to be lowered.
- Call a contractor if you are not comfortable re-positioning the gutter.

### 3. PITCH OF THE GUTTER

- Gutter should have 1/4" of pitch per 10' to ensure water exits the system.
- Pitch is defined as slope or declination.



## 4. HIDDEN HANGERS & GRIP BRACKETS

- Leave existing hangers in place for additional support.
- Secure each hanger with a 1 1/2" screw into the gutter.
- Place the lip of the Bracket under the lip of the Hidden Hanger.
- Press the front thread pin of the bracket into the front hole of the Hidden Hanger.
- Squeeze both holes into the Hanger with the heaviest force on the front end first then flush with the back end.
- Use an Angled Jaw Channel Lock Pliers tool to squeeze the base of the bracket flush with the top edge of the Hidden Hanger.
- Squeeze on one side of the base of the Bracket, then the other, to seat the Bracket in the Hanger.



## 5. TOP CAP

- The Top Cap should lay flat on the top of the Grip Bracket then bend upwards at the rear of the gutter to follow the pitch of the roof. Roofs with a 6/12 pitch or greater will need a "Brake" to bend the panels in front or behind the bump on the Top Cap.
- HINT: You will want to "under-bend the Top Cap when Breaking to establish a spring like tension towards the slope on the roof as opposed to the Top Cap flaring upward away from the roof.
- Push with both hands the Top Cap in a downward motion then back with thumbs to lock into the Gripper part of the Bracket.

- NO screws are to be placed on any visible part of the Top Cap.
- Measure the length of the run to determine size of last panel.
- If the home has Inside/Outside corners; always start at the right side of the corner.
- Locate the second row of shingles.
- Separate the shingle from the roof using a Narrow Flat Bar, initially running the bar horizontally to break the seal of the top shingle, then slowly pry upward to lift the top shingle.
- Starting left to right, slide the first Top Cap over the Bracket and under the second row of shingles.
- Slide nose of Top Cap over nose of Bracket and snap Top Cap into the Lip Lock.
- Never screw a Top Cap to the roof through the Top of the shingle.
- Screw the Top Cap into the deck of the roof under the top shingle with 1/2" galvanized hex head screws. Apply a dab of sealant to the screw to ensure the screw is covered.
- Apply a bead of sealant to the top side of the Top Cap and press the shingle back down on the Top Cap.
- Deflection in roof may require adjustment of panels and or gutter and may require more screws on the Top Cap under the shingles.
- Complete one Top Cap at a time before moving to the next Top Cap.
- The panel on the left should be under the panel on the right utilizing the "notch" in the Top Cap as a natural stop; and so on.



## CORNERS

- Inside & Outside corners are not intended to replace diverters, or play any role in diverting water.
- Diverting water where necessary is a function of the roof and should be performed by a licensed roofer.
- Add roof deflectors if the existing roof does not have them on the inside corner valleys.

## 6. INSIDE CORNER

- Cut 45° angle in Top Cap following the angle of the roof with a Miter Saw. Not all valleys are exactly 45°, some trimming may be necessary.
- Place the Top Cap on the roof to trim for desired angle.
- Slide the Inside Corner over the Top Cap ensuring a snug fit.
- Place a bead of adhesive in the slot on the Inside Corner, this will keep the corner in place until installation is complete.
- Trim Top Cap on the opposite side of the valley to match the angle and install.



## 7. OUTSIDE CORNER

- Remove the rows of shingle hip caps with the Narrow Flat Bar for the Outside Corner.
- Cut 45° angle in Top Cap (opposite of the Inside Corner cut).
- Slide on Outside Corner and adhere as with Inside Corner.
- Install Top Cap as instructed before.
- Re-install hip cap shingles.



## 8. END CAP

- If Top Cap does not line up with the return of the gutter End Cap then the installer needs to make adjustments to ensure a seal between the End Cap and the gutter.
- End Caps are necessary to ensure that birds and large insects do not nest in gutters.
- Each End Cap piece is to be cut into both a right and a left End Cap, using the following procedure.
- Lay the End Cap against last Top Cap panel and the edge of the roofline.
- Scribe the angle of the roof on the nose of the End Cap with the edge of the Top Cap.
- Cut the End Cap according to the scribe with Sheet Metal Snips.
- Place the End Cap at the end of the run on top of the Top Cap edge and use the enclosed colored Zip screws to attach to the Top Cap.
- The End Cap shape is designed as the end of the Top Cap for a finished look.
- The End Cap should slide down and come in contact with the return on the gutter End Cap then into the gutter and lay flush with the Top Cap panel.
- Place a bead of caulk to seal the seam between the End Cap and the Gutter.



