

All Style Industries, LLC

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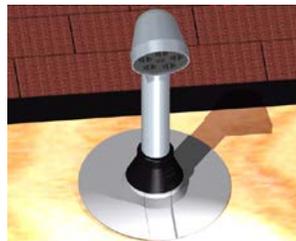
702-570-5520 or fax 702-754-2597

"mailto:allstyle@earthlink.net" www.spinflashing.com, www.stormcollar.com

U.S. Patents 659156181, 664050381 and #7,770,335

Installation Instructions: Steep Slope Roofing

Please review the following installation instructions to receive the fine quality you expect when installing an All Style Retro-Spin Flashing Kit.



One Retro-Spin Flashing Kit Includes:

1. One (1) All Style Industries Retro-Split® EPDM Storm Collar assembly which includes one wrap-around skirt, one top plug, and a stainless steel marine grade band clamp
2. One (1) Retro-Spin® Flashing assembly with tightly fitted interior, and exterior, impact extruded galvanized roof jacks.

Tools & Other Building Materials Required for Kit Installation:

1. One Screw Driver
2. One Hammer
3. (4) Four galvanized barbed shank roofing nails with 3/8" to 7/16" inch diameter flat heads.
4. Paintable Caulking for roof slopes under 3" & 12".
5. Spray Paint (optional)

Application of Retro-Spin Flashing Kit:

A Retro-Spin Flashing Kit installs a new roof jack flashing around roof penetrations that are fixed. These fixed penetrations may not allow for a standard slide-on-from-the-top flashing installation. Both the Retro-Spin Flashing and Retro-Split Collar open to allow a flashing installation from the side.

Apply the roofing up to the roof penetration. Notch or cut a hole in the roofing material to allow the installation of the roofing product to the centerline of the roof penetration. Do not install the roofing material further than the penetration. Use the roofing materials manufacturer's recommendations for installing the roof up to and around roof penetrations.

Arrange the Retro-Spin Flashing so the interior and exterior flashings provide an open door to the center of the flashing.

Move the Retro-Spin Flashing to the roof penetration. Pass the penetration inside the Retro-Spin Flashing. After the roof penetration is within the confines of the Spin-flashing, rotate the assembly 180 degrees. The action of rotation closes the door and surround the penetration.

Center the Retro-Spin flashing on the roof penetration. With the door closed, and the assembly at 180 degrees, face the door in the direction of the **down slope** of the roof deck. If the roof slope is greater or equal to 3" and 12", no sealant or caulking is required at the closed door. On roof slopes below 3" and 12", inject a small amount of paintable caulking between the inside and outside flashings. On dead flat applications, solder shut the open door to create a watertight condition.

Now use the manufacturer's recommended procedures for installing a roof jack flashing into the steep slope-roofing product, and securely nail the Retro-Spin Flashing into place using 3/8" flat head roofing

Installation Instructions

Spin Flashing Kit

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nails. Use nails long enough to penetrate through the Retro-Spin Flashing and into the roof deck a minimum of $\frac{3}{4}$ ". Pre-punched nail holes provide placement guides for the fasteners.

Continue the installation of the roof system. Apply paint to the Retro-Spin flashing to match roof color and protect the metal.

All Retro-Spin Flashings include a 3" diameter opening, and since not all roof penetrations fit snugly, it is necessary to counter flash the penetration using a waterproof EPDM Retro-Split Storm Collar.

A Retro-Split Storm Collars include a molded top plug with the exact geometric shape and size to for the roof penetration. It is necessary to order the correct size Retro-Split collar plug in order to maintain a waterproof roof flashing assembly.

To install the Retro-Split Collar place the EPDM wrap-around skirt around the roof penetration with the five tabs facing up, and then push the locking ends together. Next, open the cut plug and form it around the roof penetration making sure that the tab slots are facing downward. Close the plug loosely, and insert the skirt tabs up into the tab slots. Wetting the tabs with a little water can make the assembly a little easier.

Finally, fully open the stainless steel hose clamp using a screw or nut driver. The Retro-Split Plug has pre-molded channels that will accept the width of the stainless steel hose clamp. Position the clamp. Use the worm drive action of the stainless steel clamp to tighten the clamp onto the now assembled Retro-Split skirt and plug assembly.

Before tightening the assembly, slide the Retro-Split Collar down over the already installed Retro-Spin Flashing. Do not force the Collar too tight onto the flashing. This can cause the skirt to open via the wedge action of the flashing cone. When the collar is in the correct position, tighten the clamp. The compression of the clamp onto the plug tabs of the skirt hold fast against the penetration. Do not distort the assembly with too much torque

Because of the shrinkage of the EPDM rubber, and differences in temperature at each job site, the plug cut may not automatically push together. . When tightening the clamp, use finger pressures to push the plug cut completely closed, and push the cut together.