

## Built-Up Roofing Around RoofScreen Bases

### Introduction:

RoofScreen's Base Supports are compatible with all types of roofing. However, it is crucial for the roofing applicator to be familiar with how the RoofScreen System works to ensure maximum watertight integrity.

The purpose of this bulletin is to explain how RoofScreen Base Supports are assembled and flashed, so that properly applied roofing does not interfere with the intended design. It is the responsibility of the roofing applicator to follow guidelines, procedures and installation instructions set forth by the manufacturer of the roofing system being applied, and best roofing practices.

RoofScreen offers two basic types of supports as illustrated below with information on how to roof them in with built-up roofing.

### Square Base System:

As illustrated in Figure 1, the Base Cap Assembly is designed to counter-flash tightly over the Base Support and Flashing, extending down 2.4", with just enough clearance for the Base Gasket to be compressed inside the gap. For this reason, it is critical that roofing materials are NOT applied on the sides of the Base Support or Flashing.

In Figure 2, which is the correct installation method, you can see that the metal flashing boot has a flange that extends onto the roof surface, and a riser that extends up to the top of the Base Support. The flange of the flashing should be stripped in to the roofing in a manner appropriate for the type of roofing system being installed.

Figure 3 shows a method that, while standard for many roofing applications, is NOT compatible with the RoofScreen System. The roofing material extends to the top of the base support, which increases the overall width of the Base Support and prevents the Base Cap and Base Assembly from being properly installed.

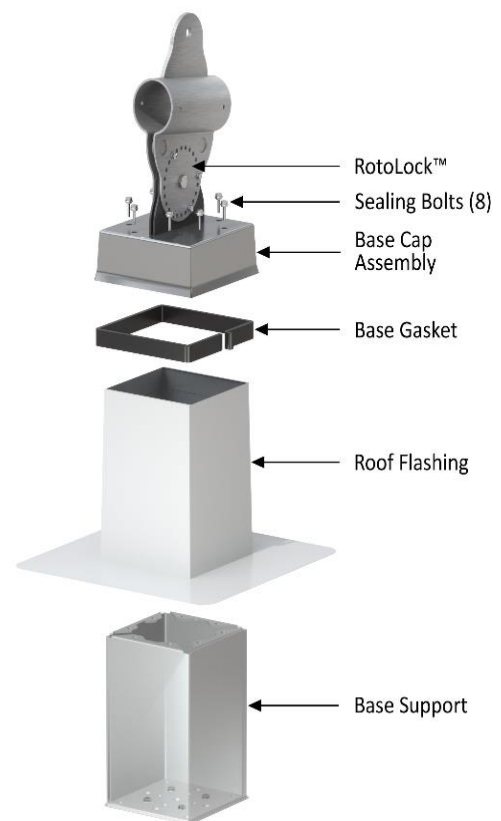


Figure 1

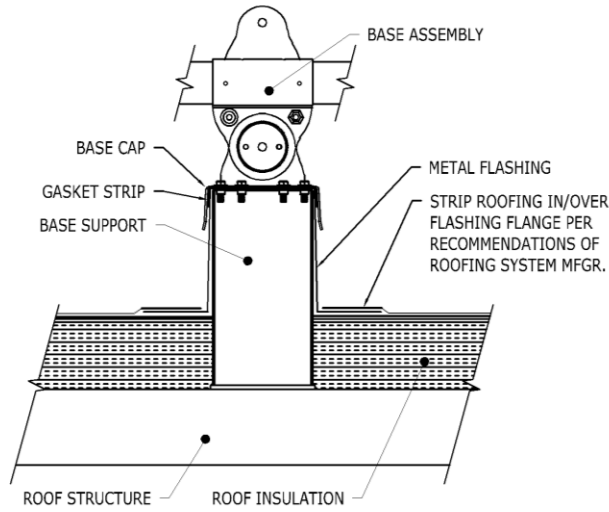


Figure 2

✓ Correct

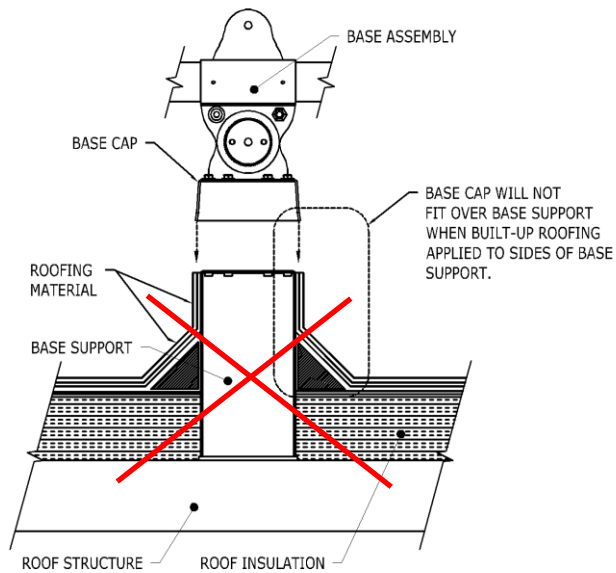


Figure 3

✗ Incorrect



### Round Post System:

With the RoofScreen Round Post System, the Slip-On Cap as shown in Figure 4, is designed to slip tightly over the Tube Sleeve. There is no clearance for material between the Slip-On Cap and the Tube Sleeve. For this reason, it is critical that roofing materials are NOT applied to the sides of the Round Post.

After the Round Post is adjusted to the proper height and secured with Tek Screws, a round pipe flashing (typically lead) should be installed and the flange stripped in to the roofing in a manner appropriate for the type of roofing system being installed. The top of the pipe flashing should be sealed and secured with a stainless-steel draw band. A rubber Storm Collar is recommended just above the draw band and just below the Slip-On Cap (see Figure 5).

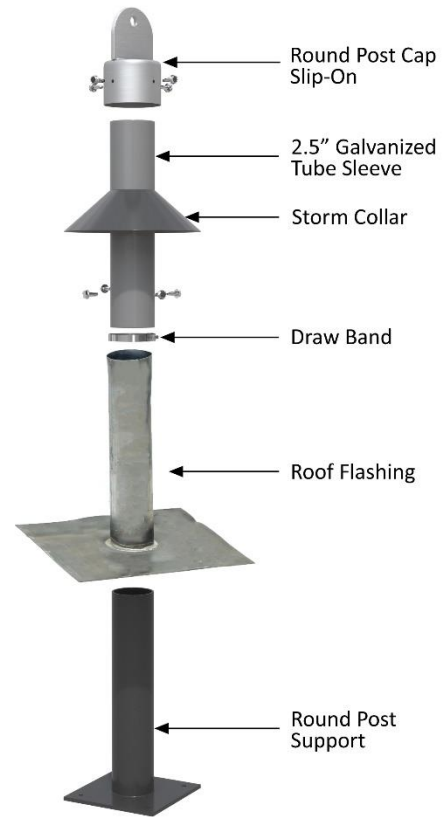


Figure 4

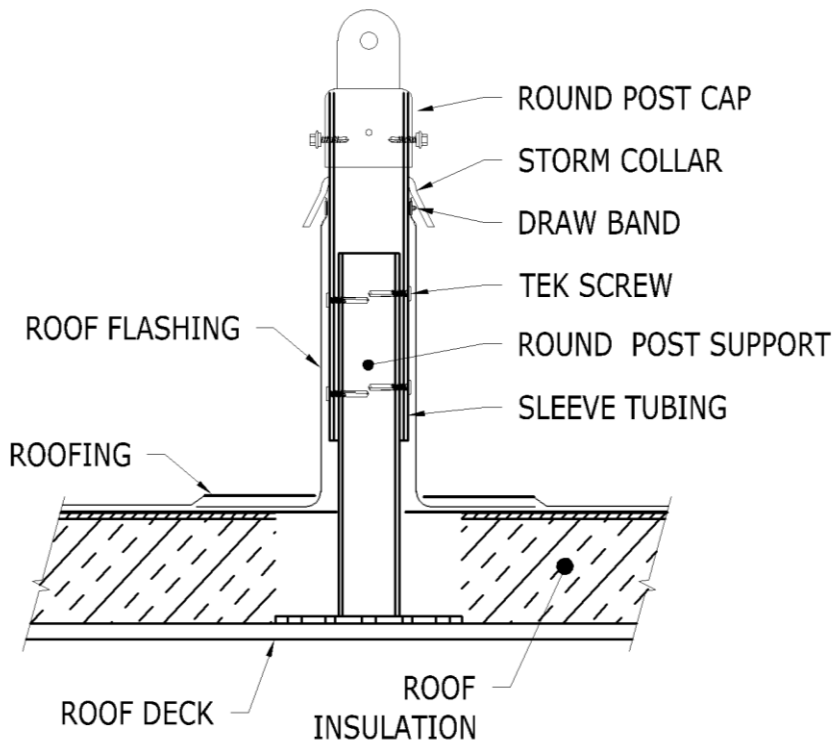


Figure 5