

# Plumbing vent flashing with shingles



*By Dan Perkins, Dan Perkins Construction*

If a roof is going to fail, it will generally fail at a roofing penetration such as a chimney, skylight or plumbing vent stack. This article looks at how to install a metal vent attack flashing into a metal shingle roof in a manner that will stay dry as long as the rest of the roofing system.

It is always a good idea to start by installing a peel and stick heavy ice and water membrane around every penetration. Cut a hole in the membrane tight to the stack and slide it over the pipe. Seal around the pipe with urethane sealant after the ice and water membrane is applied. Lay down metal shingles until they are at

## Any thoughts?

Do you see something you like or would do differently? Got a better way to install metal shingles around vent stacks? Write to *Metal Roofing Magazine*, 700 East State St., Iola, WI, 54990-0001, or e-mail [jim.austin@fwpubs.com](mailto:jim.austin@fwpubs.com).

least half way past the stack before applying the flashing boot. Nip and flatten the receiving flanges of the shingle under the area the flashing will cover and apply a heavy bead of urethane sealant on the base of the flashing before installing it.

Metal cleats with butyl tape gaskets are then nailed to the top of the flashing to receive a hemmed shingle installed over them. A liberal amount of sealer is used in the hems and in the receiving flanges

next to the flashing boot as this shingle is installed. None of the sealer is visible after the application is complete.

The beauty of this flashing technique is that it is a blind fastened and solid as the roof it sits on. ■

*Perkins is owner of Dan Perkins Construction in Ishpeming, Mich. He says he is always looking for a better way to install a better metal roof.*



**EVERYTHING FOR THE METAL ROOFER**

**AMSI SUPPLY**

**Clips**      **Seals**  
**Retrofits**      **Levels**  
**Tool Bolts**      **Pipe Boots**  
**Folding Tools**      **Coating Bars**  
**Pitch Gauges**      **Eye Protection**  
**Hammers**      **Chalk Boxes**  
**Sealant**      **Hard Hats**  
**Squares**      **Screws**

**800-943-9771**  
**www.amsisupply.com**

Circle Reader Service #170

**SNO GEM™**  
*the ultimate snow guard*

Original Polycarbonate      Original Metal      Sno-Gem Jr.      Half Carat

SNO GEM snow guards are designed to minimize unexpected falling snow and ice and enhance safety. The unique design of these crystal-like guards suspends the field of snow and ice until they gradually melt under the sun's rays.

Catches snow and ice during winter. Looks great all year!

**SAFE AND CONVENIENT, THESE SNOW GUARDS PROTECT GUTTERS, PEDESTRIANS AND MECHANICAL EQUIPMENT BELOW YOUR ROOF.**

**TOLL FREE: 888-766-4367**  
**WEB: www.snogem.com • EMAIL: info@snogem.com**

Circle Reader Service #482