

Gutter Opportunities: Special supplement inside



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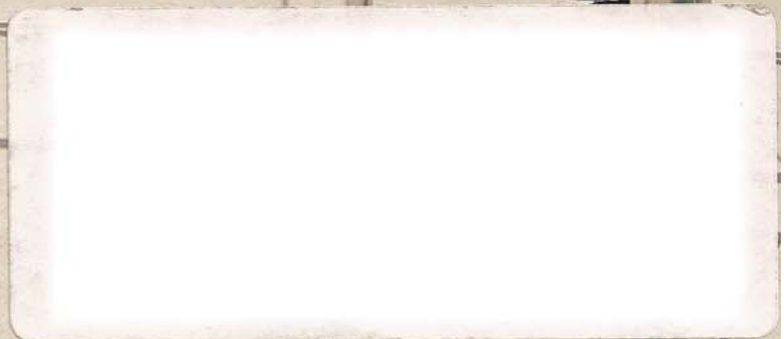
MAGAZINE

Retrofit growth opportunities

Projects abound for those with the tools

INSIDE:

- New LEED version favors metal
- Metal Up Close: Shake facsimiles



Chimney flashing

Dan Perkins of Ishpeming, Mich., says the chimney flashing is one of the most difficult details an installer faces on a regular basis. He says it takes his experienced installers approximately two hours to install the chimney flashing detail.

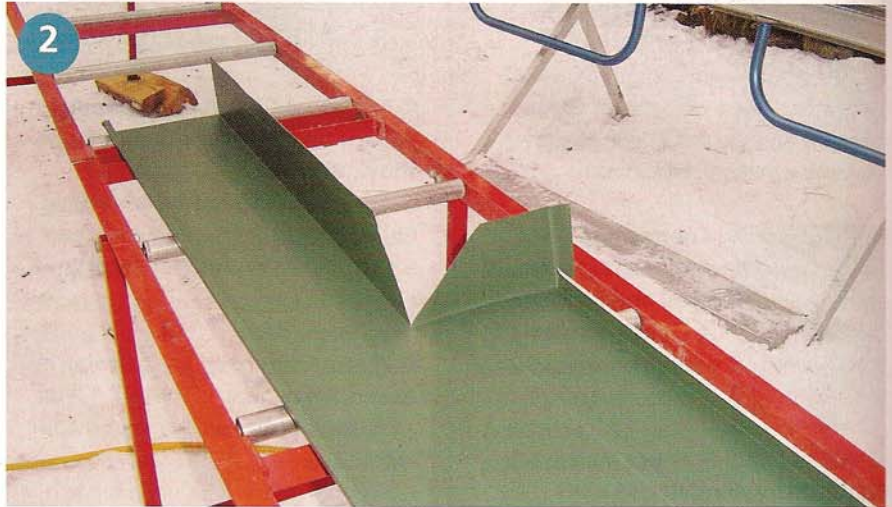
“It’s easy to get this one wrong,” he says. “With a chimney flashing, take your time and do it right. It’s time consuming, but not as time consuming as going back out to a jobsite.”

Here, the owner of Dan Perkins Construction goes through a step-by-step chimney flashing installation. Each step is illustrated.



1. Install an ice guard membrane all the way around the chimney and cut the masonry with a diamond blade to accept the counter flashing — cuts should be made at least four inches above the roof plane and parallel to the roof plane on the sides.

2. Cut the pans that run up to the front of the chimney so they terminate approximately one foot above the base of the chimney. Fold up the side and front flashing.



3. Drop in the front corner pieces — with sealant — to complete the flashing at the front of the chimney.

4. Apply cleats to attach head flashing on the pan at the top corners of the chimney.

5. Make a head flashing that spans from the female rib on one side of the chimney to the male rib on the other side. (Made from short piece of panel.) The top of the pan is hemmed to accept the roofing panels above the



Any thoughts?

See something you like or would do differently? Got a better way? Share it with the editors.

Write to *Metal Roofing Magazine*, 700 East State St., Iola, WI, 54990-0001, or e-mail jim.austin@fwpubs.com.

METAL ROOFING DETAILS

chimney and the bottom edges are hemmed to fit on to the cleats shown in the last photo (9).

6. Apply the head flashing and attach it to the roof deck with roof clips folded flat over the upper hem. Fold the flashings, seal, and rivet.

7. Fold and apply counter flashings into saw cuts with sealant in cuts. Counter flashings need to go all the way down to the roof plane to look good and function properly.

8. Counter flashings are installed, trimmed, sealed, and riveted starting from the bottom and working to the top (as with all other trim details). Pans are then hemmed into the top of the head flashing and continued to the ridge.

9. A larger chimney requires a cricket or saddle detail on the back side to prevent puddling and to shed water to either side. ■

