

VALLEY CAP

FLASHING APPLICATION SYSTEM

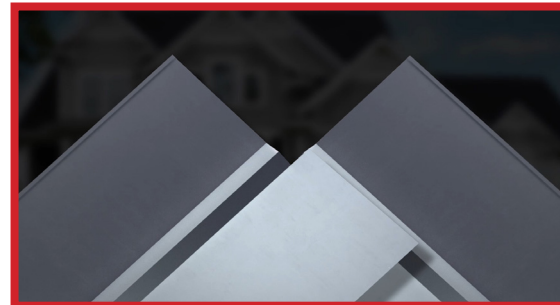
INSTALLATION INSTRUCTIONS

AG Installation:

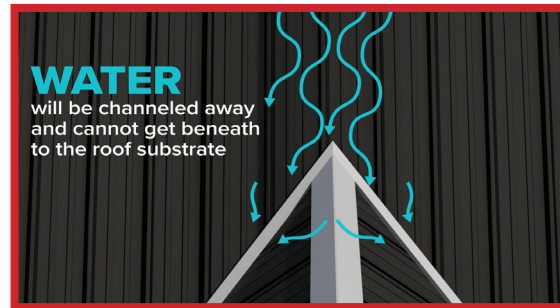
First, you will need to prepare the W Valley trim. Make mirror images of each W Valley, notching 1" from the outside across the center valley peak, leaving a 1" offset.



Then take about 9"-10" of the reverse hook, which catches water if it splashes back up under the other side. The points of the center valley peak are critical in terms of alignment. When these are overlapped, the two points will be lined up in the center of the ridge of the secondary ridge line.



Once that is installed on the roof, you simply lay the valley cap right over the top securing with Marco's Metal Roof Sealant and Fasteners. Once its in place, water will be channeled away and cannot get beneath to the roof substrate.



Standing Seam Installation:

Typically, the difference between an AG panel roof and a standing seam snap-lock panel roof are the clips that must be installed on the W valley. When using a Valley Cap, you must use a separate clip. Simple put, that's because you can't get the cleat over the top of the Valley Cap, but you can run this clip over the top of the Valley Cap. When the panel comes in, it hooks over these clips and forms a complete water shed, from panel, to Valley Cap into the W Valley.



Secondary Ridge Line:

When a roof has a secondary ridge line that is on the same plane as the primary ridge line, contractors face the difficulty of trying to put a ridge cap on the primary roof as they are obstructed by the secondary roof. Most often they have to force the primary roof cap down, which can create a large bubble in the ridge as well as an unpleasant eyesore. The best way to remedy this is to install a Valley Cap. On the front side you have two valleys and a 100% water shed, leak-free joint, and on the back of the structure you pull the Valley Cap over the back of the panels so that any rain will run off the panels. The contractor can then simply notch the ridge cap to accommodate the Valley Cap. The primary ridge line is then perfectly straight and the secondary ridge cap is installed to cover the Valley Cap.



How To Determine Which Valley Cap Size To Use

There are two sizes of valley caps, a 12 1/4" and 16 1/2" throat. To determine which size you need, start at the ridge line of the secondary ridge, measure out 4", then measure from the center of the valley straight across, 4" out. If that measurement is 12 1/4" or less, you will use the 12 1/4" throat. If that measurement is more than 12 1/4", you will use the larger valley cap which has a 16 1/2" throat.

