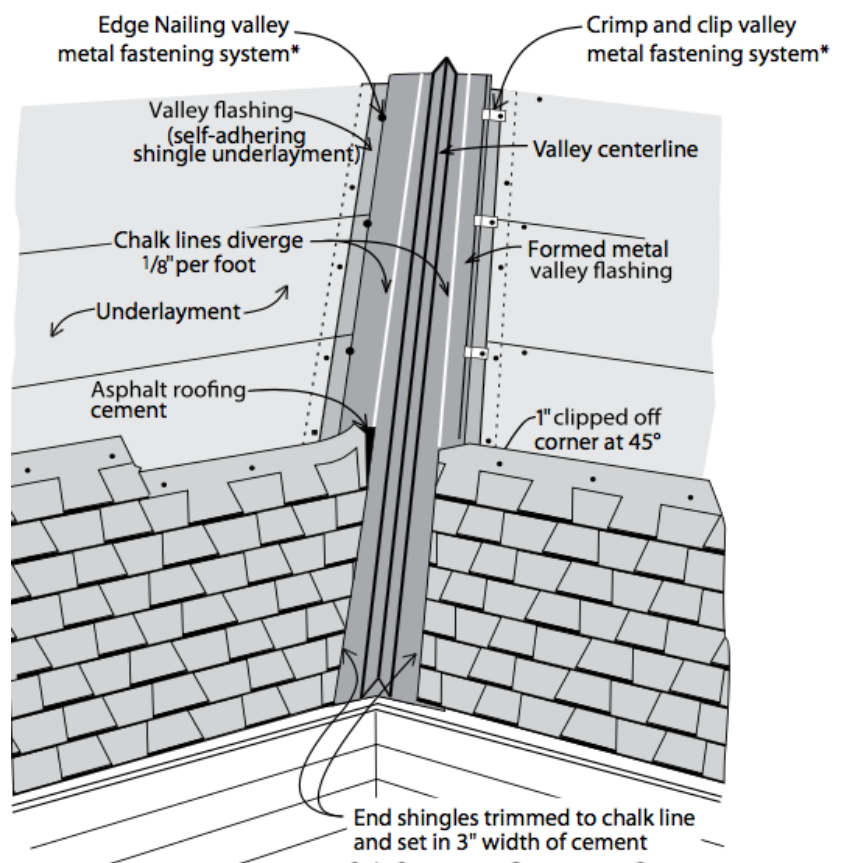


Subject: Valley – Open

Atlas Roofing Corporation approves of the Open Valley installation method of its shingles.

Installation Instructions:

1. Snap two chalk lines, one on each side of the valley centerline, along the full length of the valley flashing.
2. Locate the upper ends of the chalk lines 6" apart at the ridge (i.e., 3" to either side of the valley centerline).
3. The lower ends of the valley chalk lines should diverge from each other at a rate of 1/8" per foot of the valley length. Thus, for an 8' long valley, the chalk lines should be 7" apart at the eaves.
4. The minimum shingle overlap on each side of the metal valley is 6".
5. Only sheet metal flashing is recommended for lining valleys.
6. As shingles are applied toward the valley, trim the last shingle in each course to fit on the chalk line. Never use a shingle trimmed to less than 12" in length to finish a course running into a valley. If necessary, trim a section off the adjacent shingle in the course to allow a longer portion to be used.
7. Clip 1" from the upper corner of the shingle on a 45° angle to divert water into the valley and prevent it from penetrating between the courses.
8. Finally, cement the shingle to the valley lining with a 3" width of asphalt roofing cement. There should be no exposed nails along the valley flashing.



Atlas Limited Shingle Warranty will be honored as long as shingles are installed in accordance to these written installation instructions. Local building codes must be followed.

For additional warranty information please our warranty page at atlasroofing.com/warranty