

CHIMNEY & SIDEWALL FLASHINGS

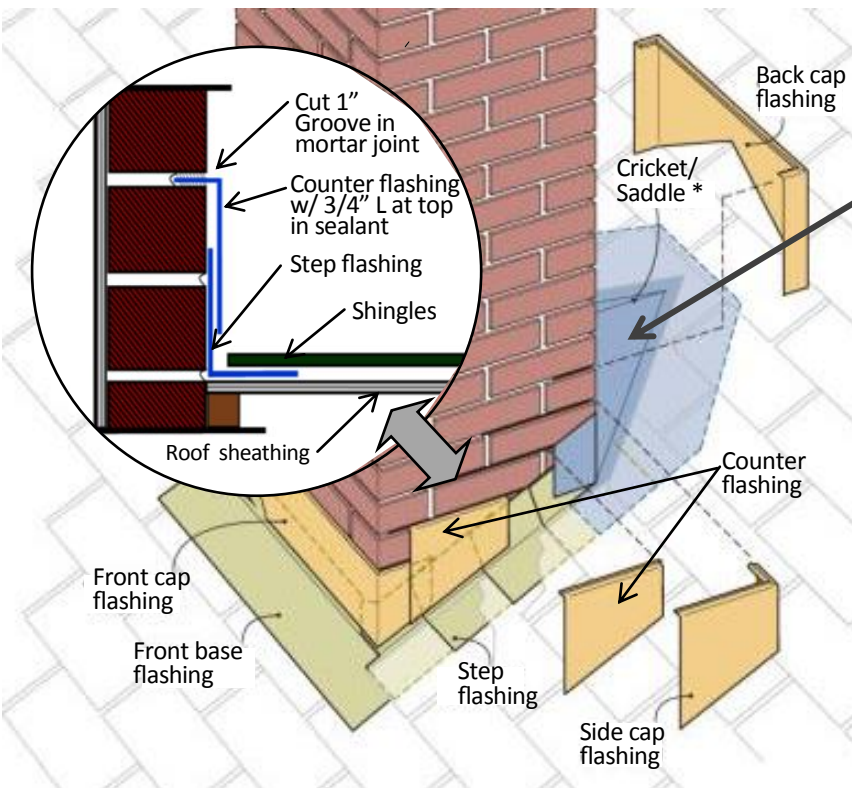
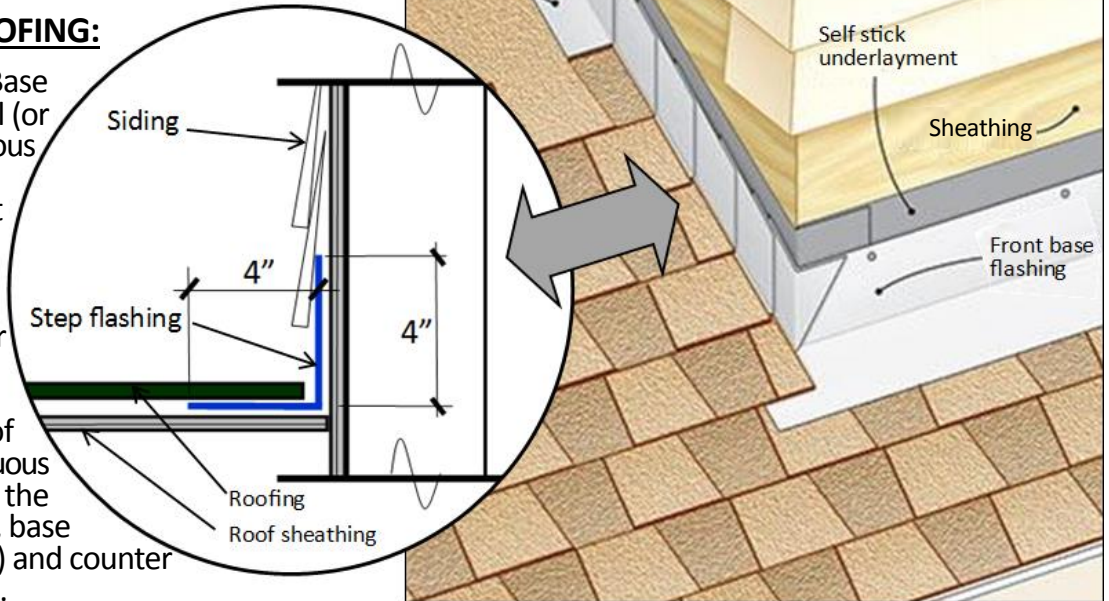
Residential Occupancies



There are very specific requirements for flashing around chimneys & along sidewalls such as on side of a dormer. The code addresses these areas as follows.

ASPHALT SHINGLE ROOFING:

2015IRC R905.2.8.3: “Base flashing against a sidewall (or chimney) shall be continuous or step flashing and shall be not less than 4” in height and 4” in width and shall direct water away from the vertical sidewall (or chimney) onto the roof or into the gutter. Where siding is on the vertical sidewall, the vertical leg of the flashing shall be continuous under the siding.” Where the vertical siding is masonry, base flashing (i.e. step flashing) and counter flashing shall be provided.



*CRICKET & SADDLE FLASHING:

R903.2.1: “Flashings shall be installed at wall & roof intersections, wherever there is a change in roof slope or direction & around roof openings. A flashing shall be installed to divert the water away from where...a sloped roof intersects a vertical sidewall.”

R903.2.2: “A cricket or saddle shall be installed on the ridge side of any chimney more than 30” wide as measured perpendicular to the slope. Coverings shall be sheet metal or of the same material as the roof covering.”

R1003.20: “The intersection of the cricket (or saddle) and the chimney shall be flashed & counterflashed...” Slope of cricket shall be as set forth in chart at right.

Height req'd for saddle ridge from base of chimney
Slope of main roof

ROOF SLOPE	Ridge Height
12 - 12	1/2 of width
8 - 12	1/3 of width
6 - 12	1/4 of width
4 - 12	1/6 of width
3 - 12	1/8 of width