

INSTALLATION

FLASHING

Flashing should be used in all areas in which the roof abuts a vertical wall, dormer, chimney, skylight or other structural protrusions. The use of copper, a minimum 28-gauge clad steel or a minimum .019 aluminum is acceptable.

PAN FLASHING METHOD

Walls or projections must be prepared by installing a minimum of 18" self-adhered membrane that turns up the wall at least 4" and back on the deck (underlayment) at least 14". With the self-adhered membrane in place, a 6" x 4" piece of "L" metal should be installed so that 4" goes up the wall and 6" lies on the roof deck. An additional strip of membrane should be placed on top of the "L" metal and onto the underlayment if there is not a return on the outside edge of the pan metal. If the abutment terminates in the "field," the membrane must go over the top of the "field" underlayment. The roof edge of the metal should be crimped. This metal should extend on top of the field tile below. When installing the first tile on the flashing, a Bellaforté transition tile should be used.

STEP FLASHING METHOD

(Requires Transition Tiles)

Walls or projections must be prepared by installing a minimum of 18" self-adhered membrane that turns up the wall at least 4" and back on the deck (underlayment) at least 14". For the termination of each course a transition tile must be installed with a piece of step flashing 4" x 6" x 14" that has two water diverters, 1/8" tall rolled and formed into the flashing. DaVinci Roofscapes has step flashing like this available. The step flashing will be installed under each transition tile and held in place by the nail that each tile receives at the top.

Note: Step flashing may also be fabricated in the field by taking a flat piece of 4" x 6" x 14" step flashing and bending a 1/4" return on the edge of the deck-side of the flashing. The ribs on the underside of the tile will need to be removed to accommodate the return on the flashing.

TRANSITION TILES

The Bellaforté transition tile is a tile without the alignment ledge on the back. Transition tiles are used wherever there is a metal flashing that occurs between courses. Examples of this include pipe flashings, valleys that terminate in the field and step flashings. Transition tiles may also be used wherever toe-irons are used to support walk boards. Transition tiles are also used to adjust coursing when necessary. Once the first transition tile makes the transition, subsequent tiles may be regular Bellaforté field tiles. A transition tile may be fabricated in the field by removing the back ledge with a knife or planer. Unused transition tiles may be substituted for regular field tiles but a chalk line must be used to maintain straight coursing.

