

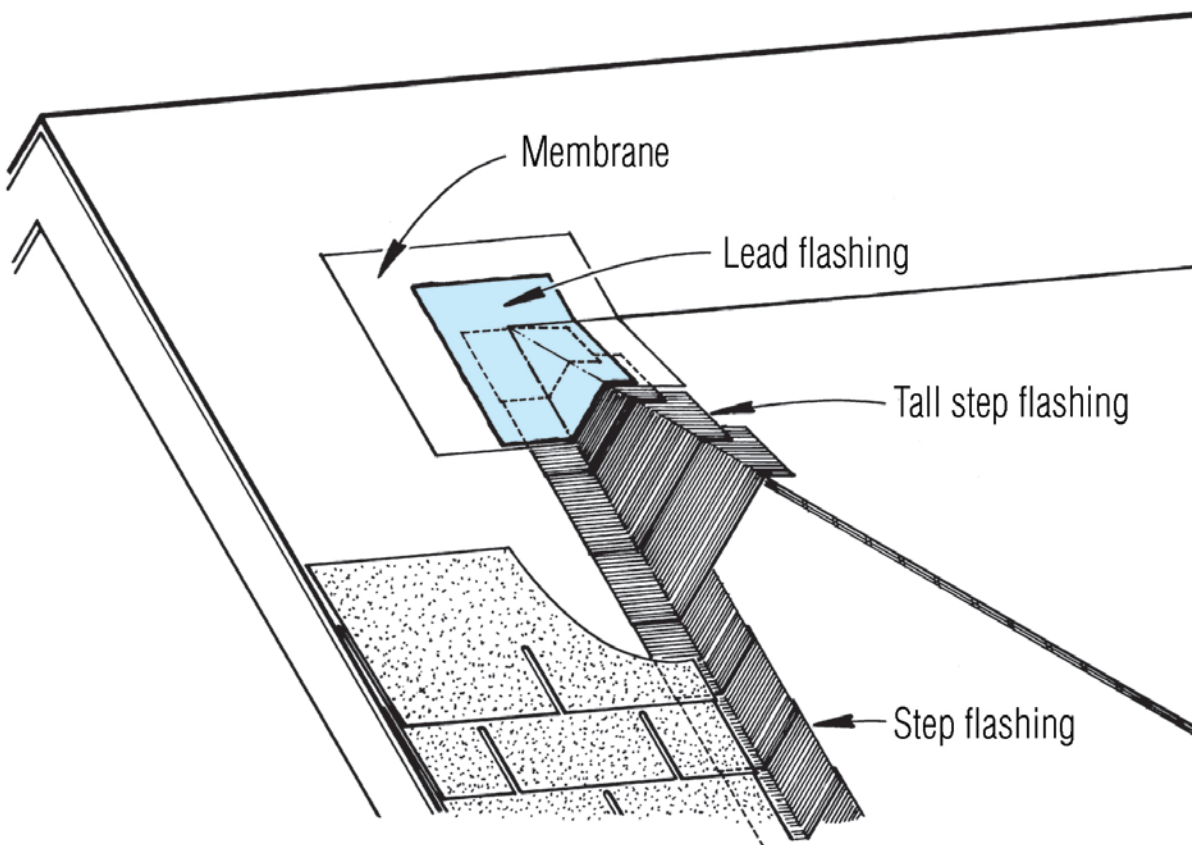
ROOFING FLASHING

FLASHING SHED DORMERS

Shed dormers require a continuous strip of flashing along the top of the lower roof plane where it meets the steeper roof plane. Also, they require sidewall flashings. A critical juncture that often fails is where these two flashings meet. Use taller pieces of step flashing towards the top, so the pieces can be bent over the dormer roof to help keep out snow and wind-blown rain (**Shed Dormer Flashing**, below).

Flashing Shed Dormers

FIGURE: SHED DORMER FLASHING



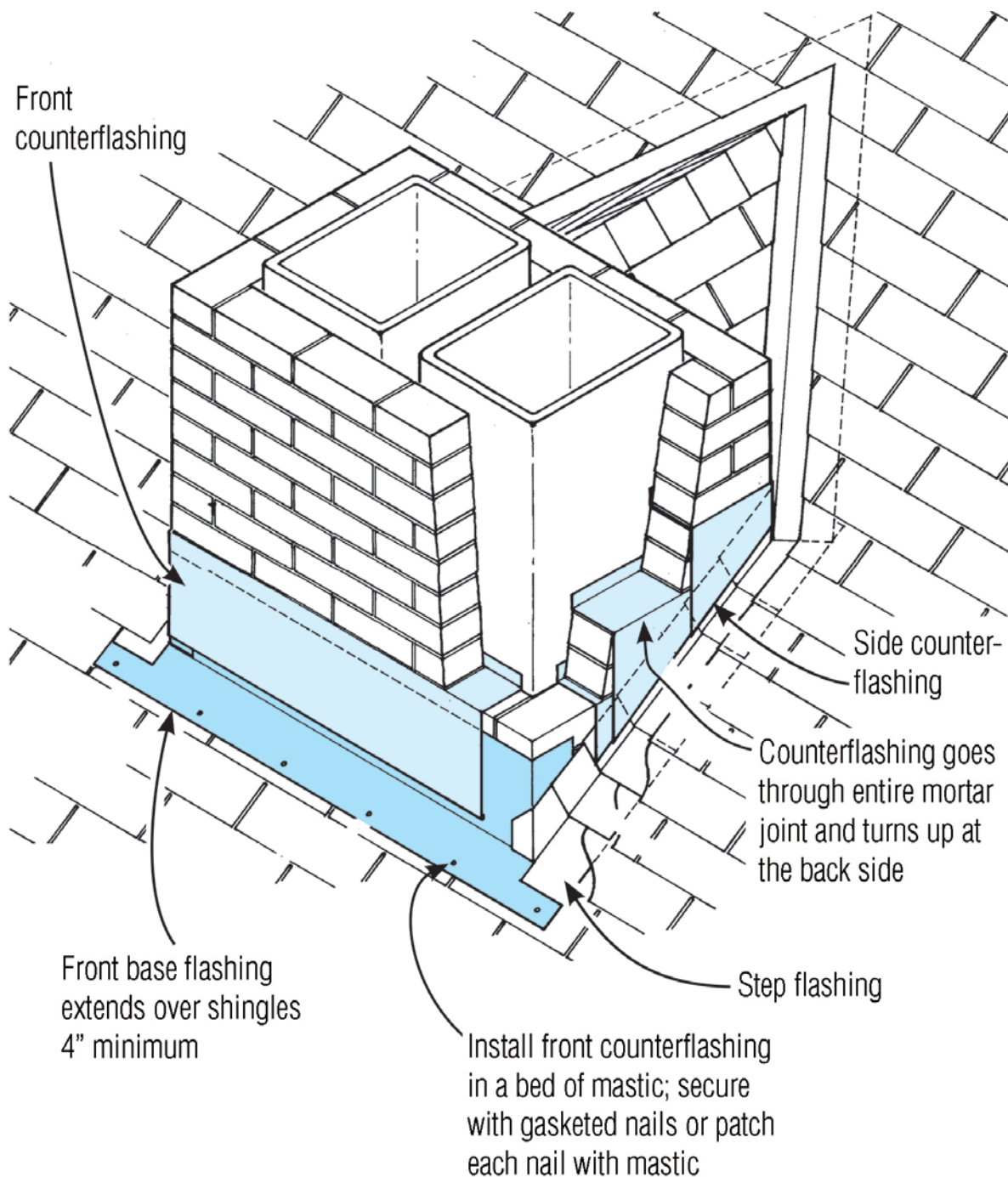
The top corners of a shed dormer are particularly susceptible to leaks. Use tall pieces of sidewall flashing, combined with a lead flashing patch.

FLASHING CHIMNEYS

Chimneys should be surrounded by base, step, and counter-flashings, as shown in **Chimney Flashing**, below.

Flashing Chimneys

FIGURE: CHIMNEY FLASHING



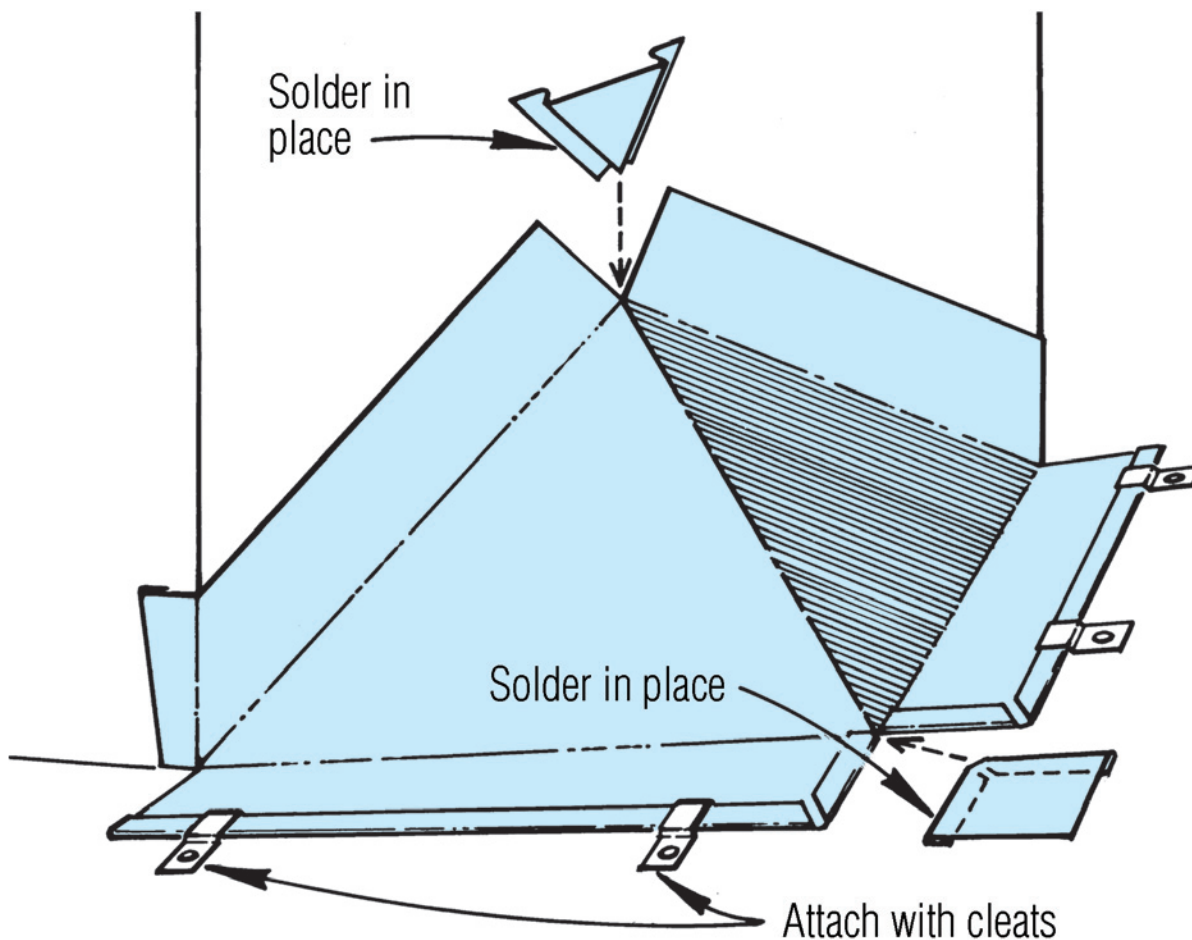
Never attach a flashing to both the chimney and the roof. The base flashing is attached to the roof only, the counterflashing to the chimney only. This allows the house to move independently of the chimney.

Chimney Cricket

Where a chimney breaks through the field of a roof, best practice calls for using a cricket to divert water away from the upper edge on the chimney. Crickets can be covered with the same material as the rest of the roof, using metal valley flashing where it meets the main roof. Or better still, fashion a metal cricket cover with 20-gauge metal as shown in **Cricket Construction**, below.

Flashing Chimneys

FIGURE: CRICKET CONSTRUCTION



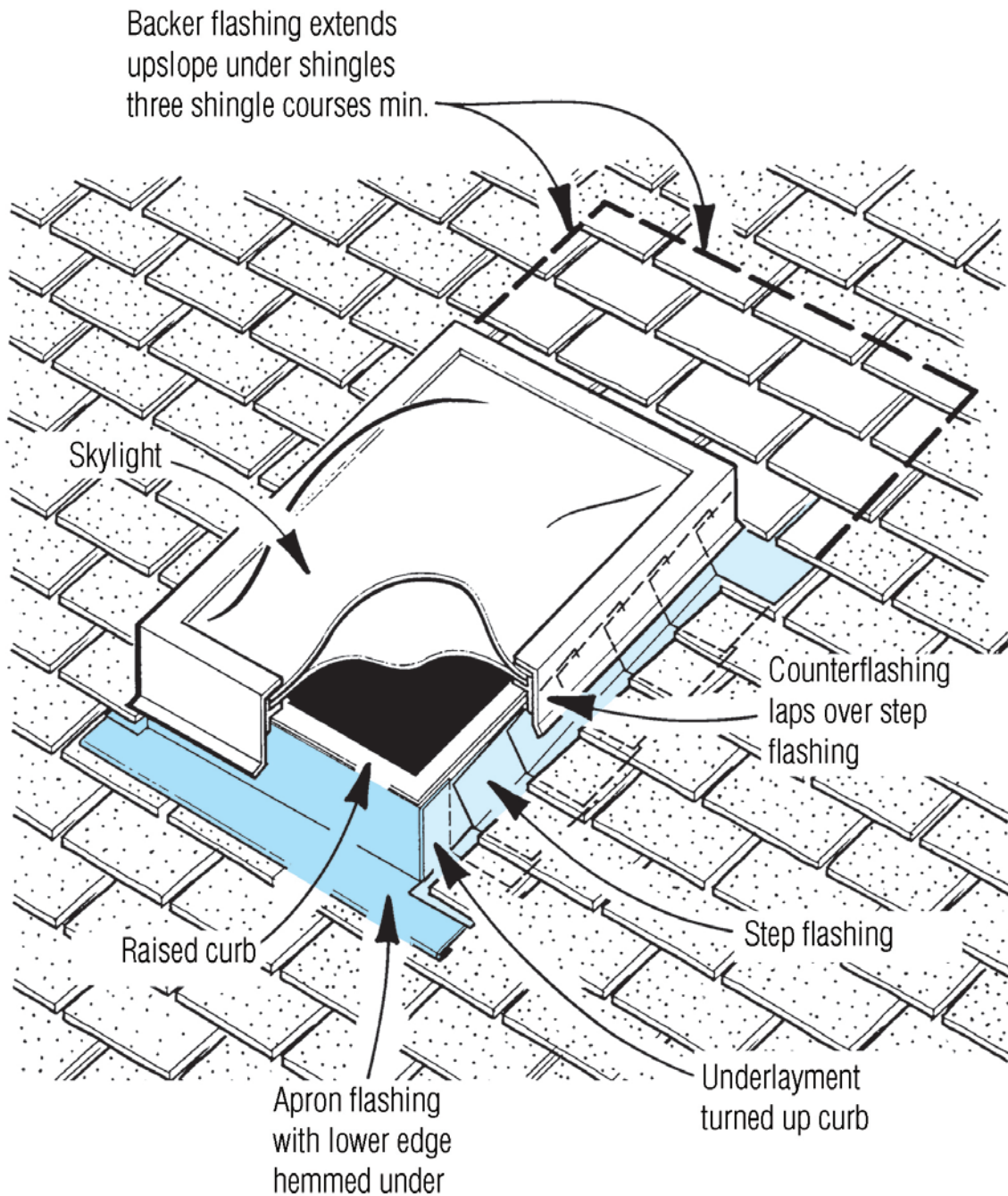
A cricket should be built of plywood, then covered by a single piece of metal. To permit expansion and contraction of the large piece of metal, attach it to the roof deck with cleats.

FLASHING SKYLIGHTS

Most skylight flashings come as a kit from the manufacturer. Skylights without flashing kits should be mounted on a curb and flashed as shown in **Skylight Opening**, below.

Flashing Skylights

FIGURE: SKYLIGHT OPENING



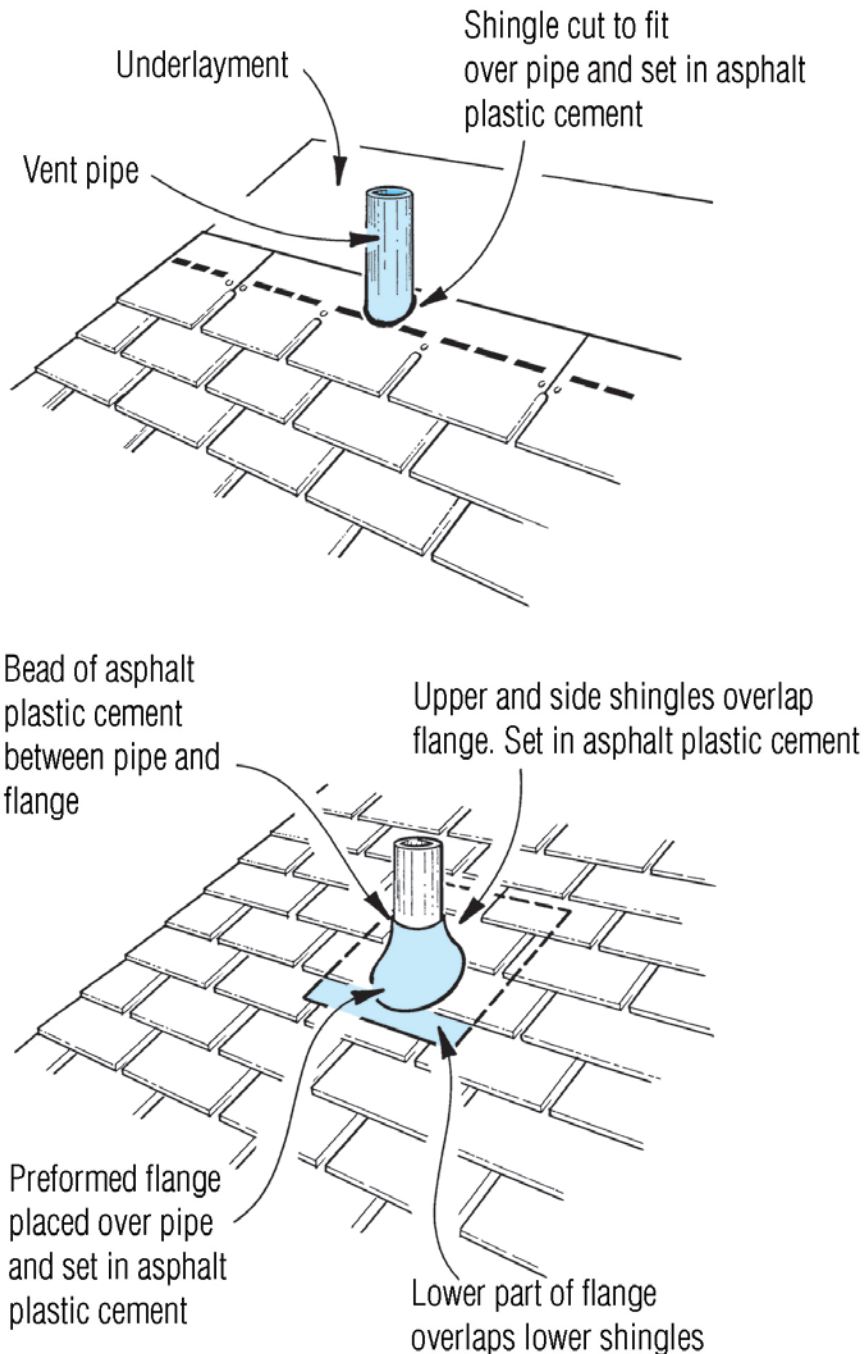
Unless it comes with a premanufactured flashing assembly, a skylight should rest on a curb or box that protrudes at least 6 in. above the roof surface.

FLASHING VENTS

Vent pipes on wood and asphalt roofs are usually flashed using a preassembled metal pan with a rubber boot. Order the unit according to the outside diameter of the vent pipe and install it as shown in **Vent Pipe Flashing**, below. For slate and tile roofs, a malleable lead jacket will last longer.

Flashing Vents

FIGURE: VENT PIPE FLASHING



Vent pipes are sealed with a neoprene boot and a metal base plate that's woven into the roof shingles.