DAKAFLASH
INSTALLATION GUIDELINES

1. DAKAFLASH COMPOSITION

Dakaflash is a rolled Seven-sheet laminate consisting of a creped aluminium top sheet with an internal aluminium mesh and 100% butyl adhesive backing.

Available widths (mm): 300 / 450
Available lengths (m): 5m only
Approximate weight: 2.0 kg/m²
Colours: Lead Grey / Black / Terracotta
Stretch: 30% in length

Laminate layer:

1. Colour Coating on aluminium foil
2. Aluminium foil
3. PET foil
4. PET Fleece
5. Aluminium honeycomb mesh
6. Self-adhesive butyl later, 100% coverage
7. HDPE Protective foil

2. BASIC LAYING INSTRUCTION

The following installation recommendations are a guide only. The responsibility to ensure all work carried out complies with Australian building codes and state regulations is the sole responsibility of the building, plumbing or roofing contractor.

INSTALLATION TIPS

The following installation guide is provided as general information only. The responsibility of the roofing contractor or builder and must be performed in accordance with the building codes.

TIP 1: Dakaflash can be installed in complete 5m lengths
TIP 2: Dakaflash only needs a 100mm overlap to join rolls
TIP 3: Dakaflash has a honeycomb aluminium mesh inside they you must stretch to the roof profile
TIP 3: Dakaflash has a 2 section perforated protective HDPE backing
TIP 4: Dakaflash can be painted with a suitable outdoor acrylic
TIP 5: The recommended sealant for Dakaflash other than butyl is Sikaflex Pro

- **MUST** always be build/chased into brickwork. Over-flashed by cladding or mechanically fixed at rising building structure.
- **ALWAYS** clean mortar and paint debris from the surface immediately.
- **DO NOT** pierce or puncture the surface.
- **DO NOT** install on a roof with a pitch of less than 12 degrees.

1. Ensure Dakaflash is laid on a dry and dust/oil/silicone and moisture free surface
2. Ensure, that a non-supported gap between tiles and any rising building wall is less than 50mm
3. Measure and cut the appropriate length of flashing
4. Fold and crease to the appropriate dimensions down the length of the flashing using a straight edge, relevant to the angle of installation
5. Remove the first (top) section of backing paper, steadily applying pressure to the DAKAFLASH to firmly affix to the wall structure or framework
6. If DAKAFLASH is build built into brick-work, apply firmly to course of bricks, leaving enough internal material to create a cavity tray
7. Remove the lower, remaining protective backing sheets and dress firmly by hand or roller to the roof profile by stretching the honeycomb mesh. Ensure tight fit to the substructure with no cavities or air spaces
8. To join rolls/pieces, ensure a 10cm overlap with end 2cm of the underlying roll upturned (See below diagram)

3. RETRO-FIT

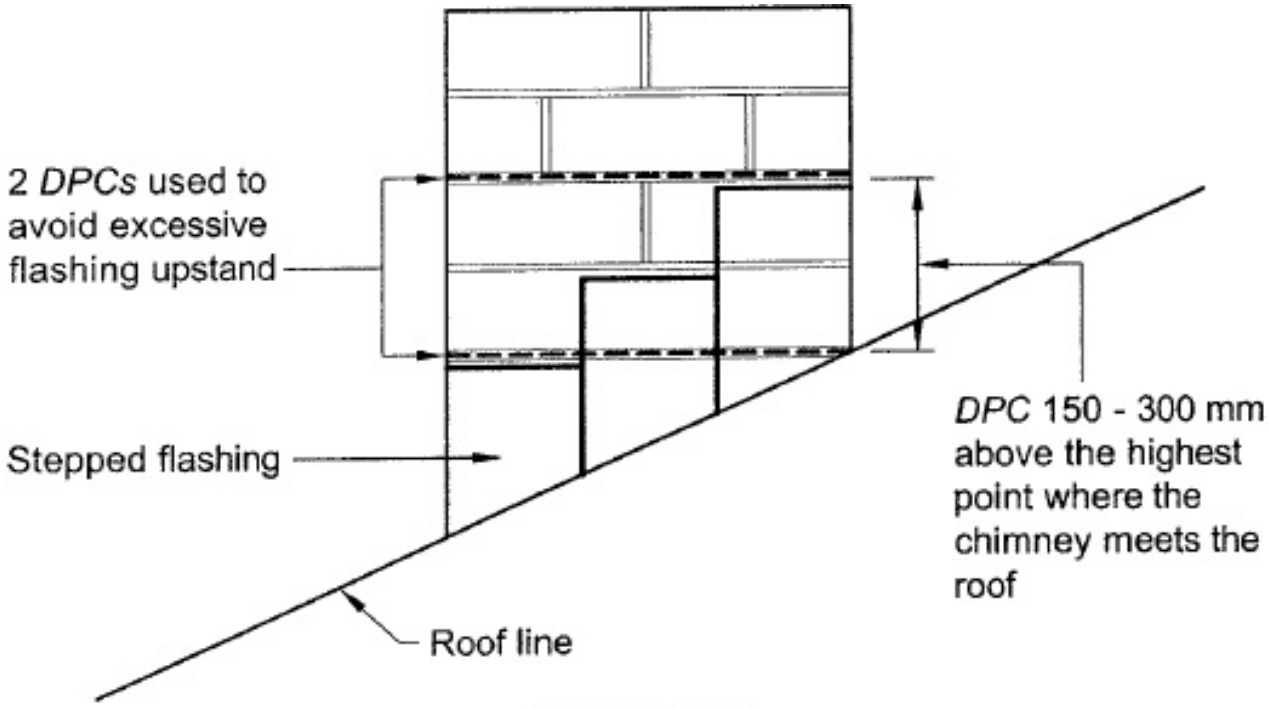
NOT REMOVING EXISTING LEAD

1. Lift existing lead flashing up vertically as much as possible exposing the underlying junction between the roof and wall structure.
2. Removing the top white section of HDPE protective foil and adhere Dakaflash against the brickwork as close as possible to the existing protruding lead flashing.
3. Using a small roller or hands, apply firm pressure along Dakaflash to gain the best adhesion against the brick surface. Dress to the beginning of the roof surface.
4. Remove the lower section of HDPE foil exposing the lower butyl strip and make sure the Dakaflash roll is evenly bridged across the peaks of the tile or metal roof profile. Press down on these peaks only to ensure a good adhesive seal as achieved.
5. Starting roughly in the middle of the flashing section, dress down the first 3 inches (7.5 cm) of Dakaflash into the trough of the roof profile ensuring the Butyl adhesive has a firm contact with the roof surface. You will need to use your thumbs quite firmly to do this and you should feel the aluminium honeycomb mesh inside Dakaflash stretch, this is normal and required to achieve a tight watertight seal. Continue along the flashing.
6. If there are any overlaps, ensure they are a minimum of 100mm and press down firmly to create a tight bond. A 2 cm upturn is required on the bottom flashing (see diagram on Dakaflash label)
7. Dress the existing lead flashing back down over the top of Dakaflash. You can also trim back the old existing lead, a minimum of 50mm must be left to be dressed down over the top section of Dakaflash.

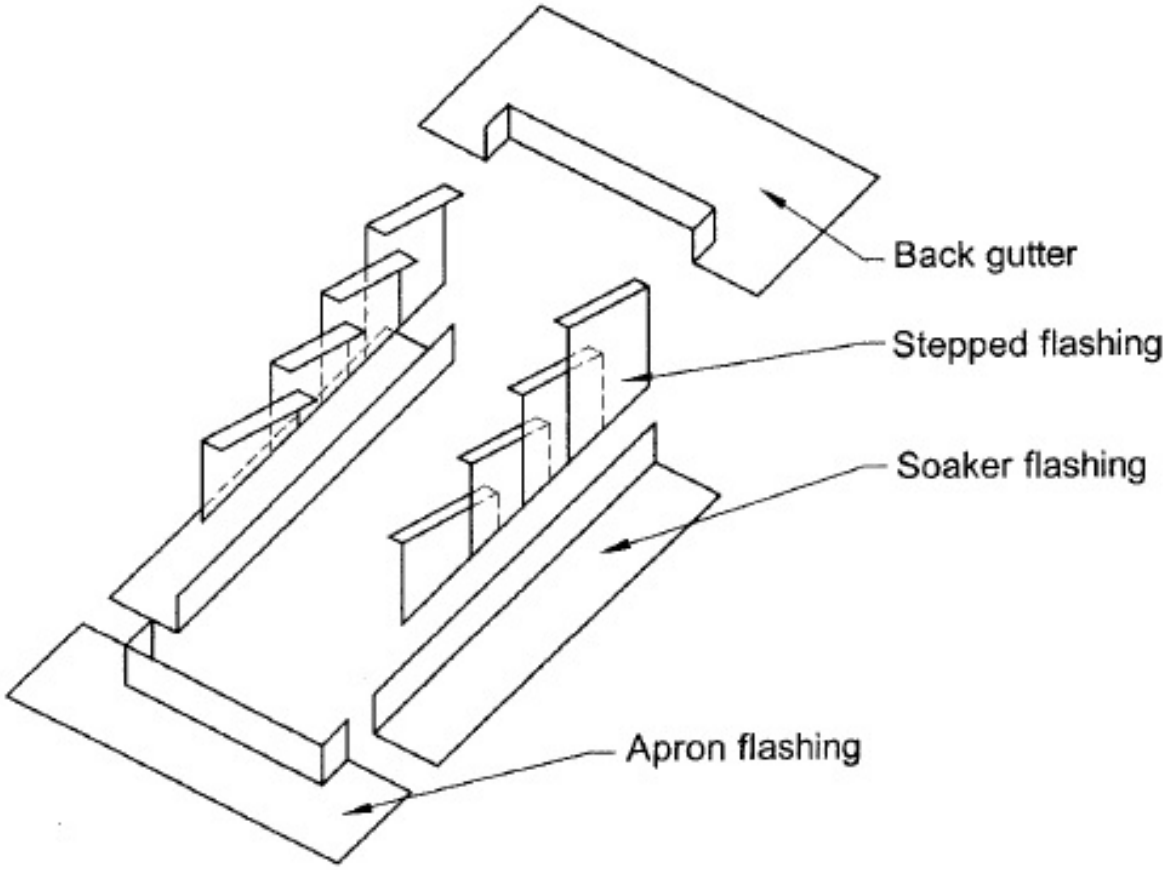
REMOVING EXISTING LEAD

1. Cut away any existing lead with metal snips as close to the wall face as possible. Smooth down the edges or recess onto the wall using an angle grinder.
2. Either… reinstall Dakaflash into the newly recessed brick course and back fill using cement, butyl strip or Sikaflex Pro, then dress down to brickwork and roof as directed above.
3. Or… Using an angle grinder chase a recess into the cement between the brick course above or below the existing lead flashing level. Install Dakaflash into the recess and follow the process in the point above.

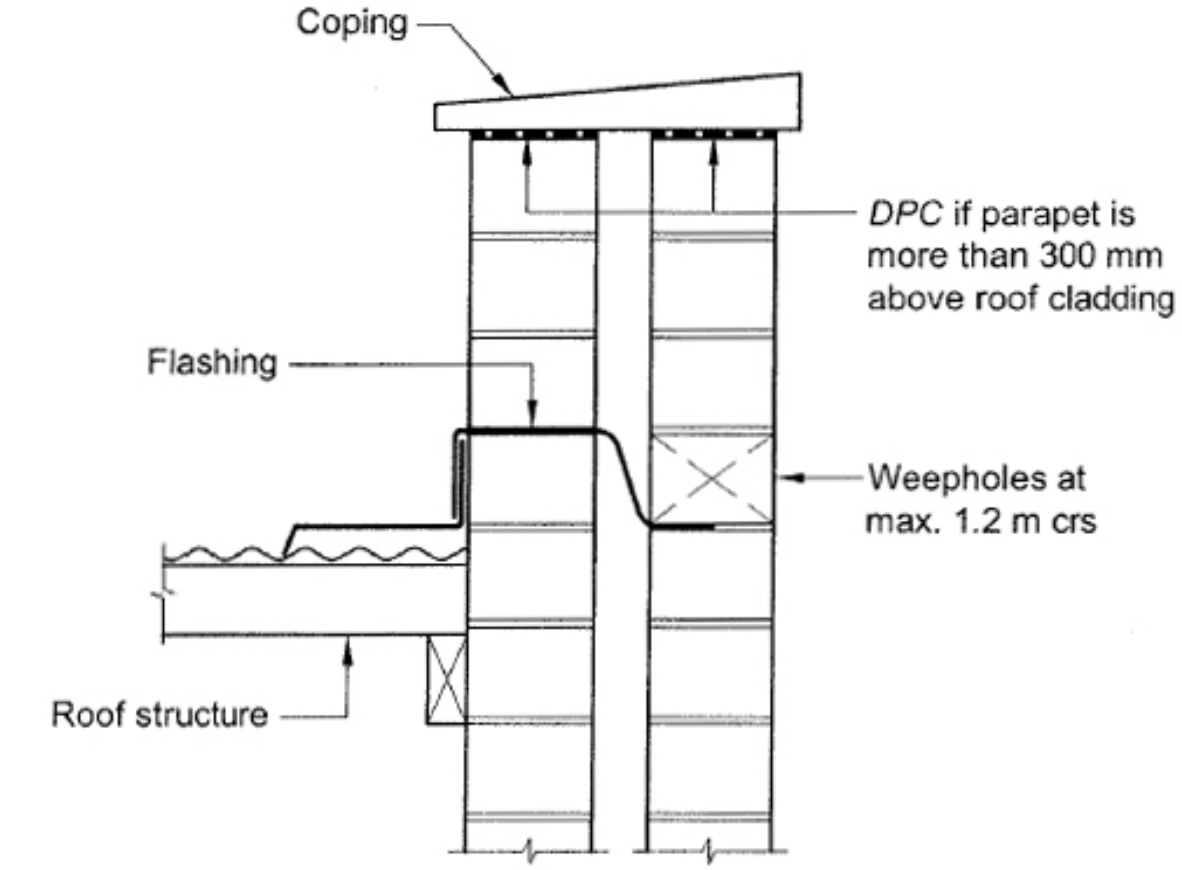
4. CHIMNEYS



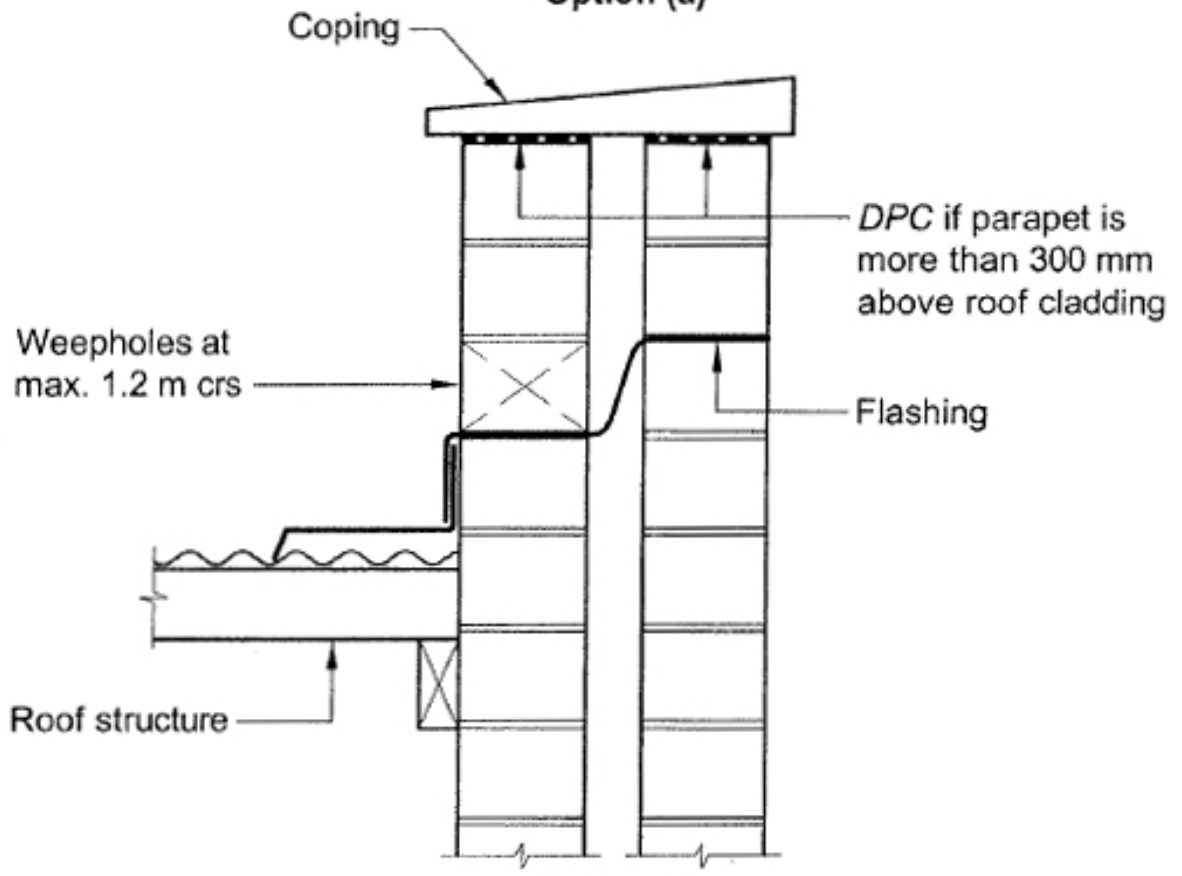
(a) Elevation



5. ABUTMENTS & PARAPET WALLS

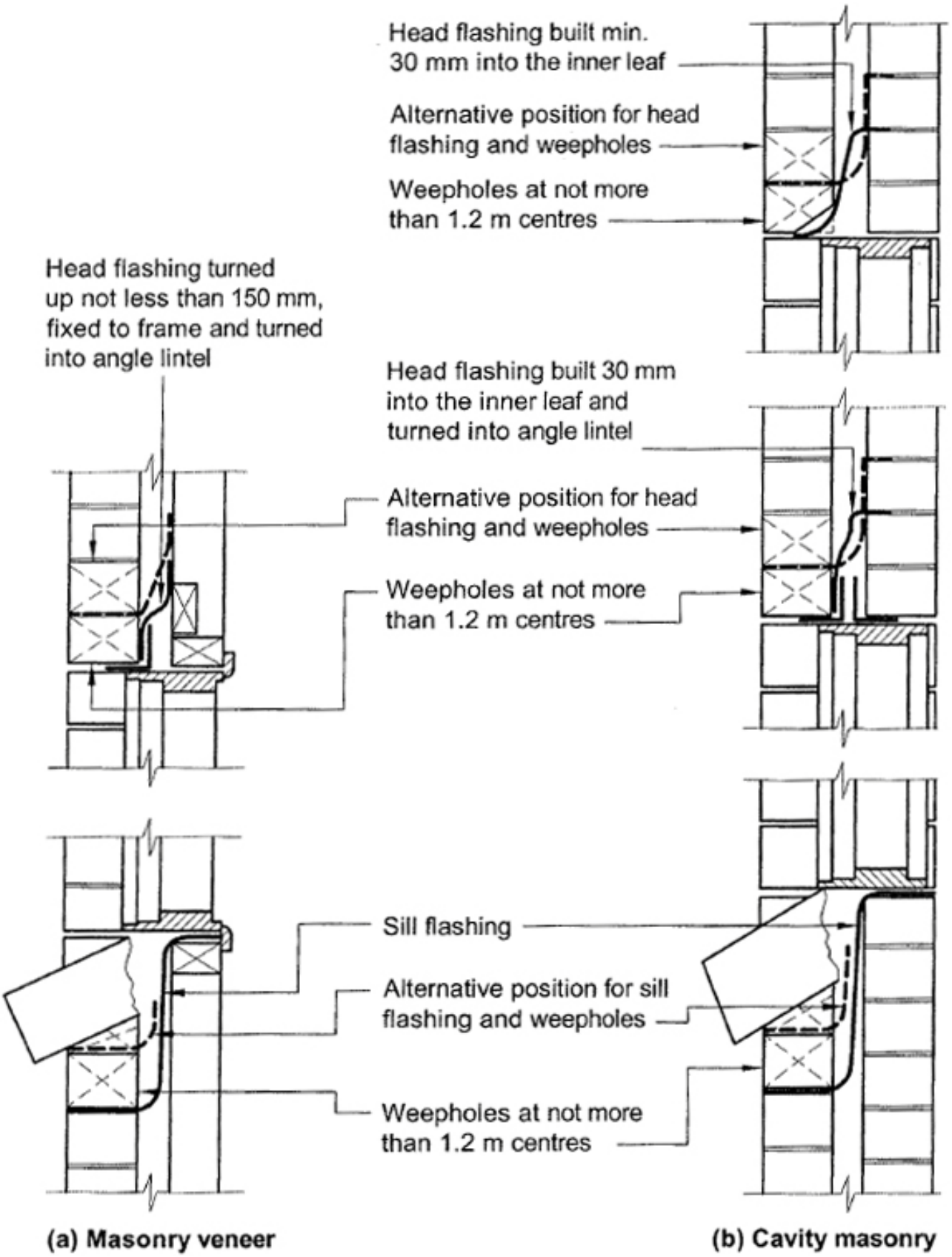


Option (a)

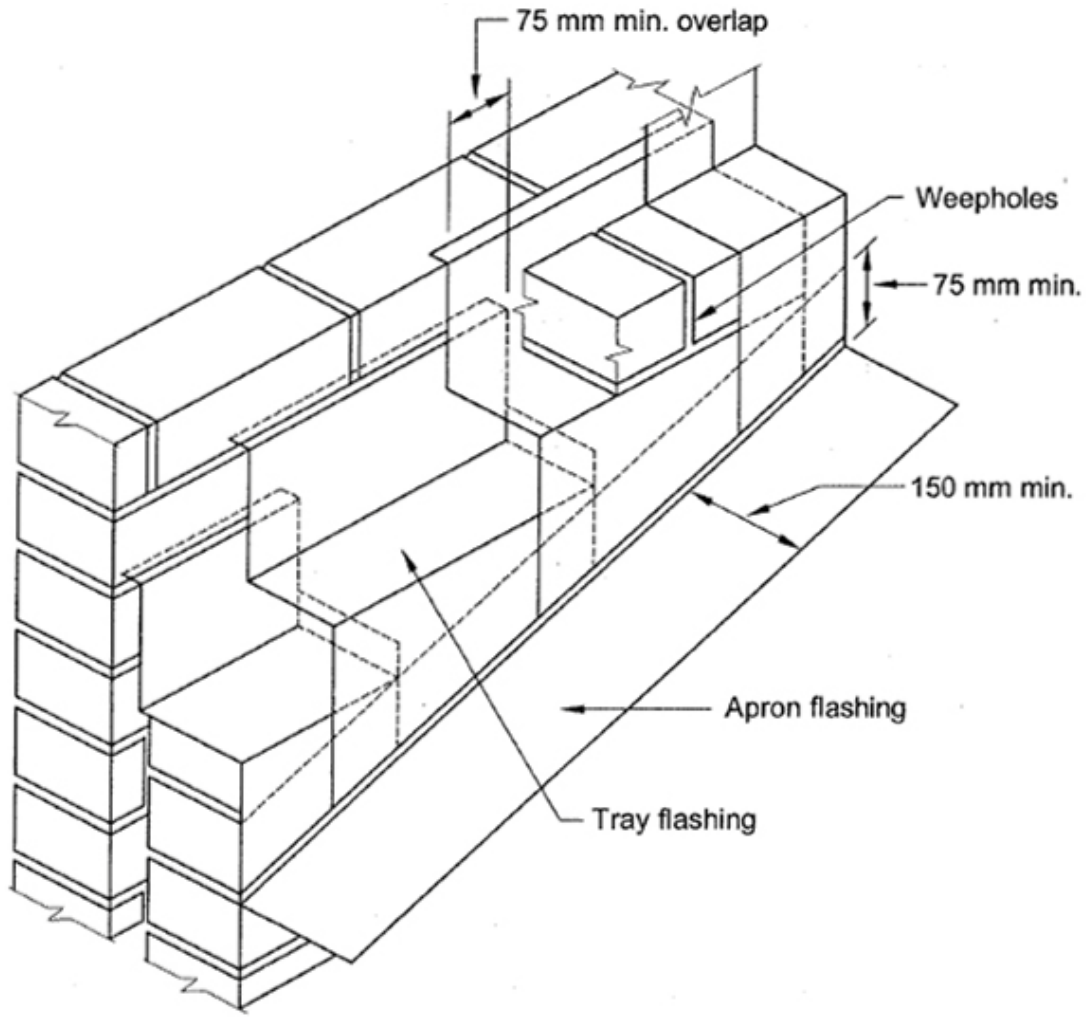


Option (b)

6. SILL & HEAD FLASHINGS



7. ROOF / WALL JUNCTIONS



8. STEPPED CAVITY FLASHINGS