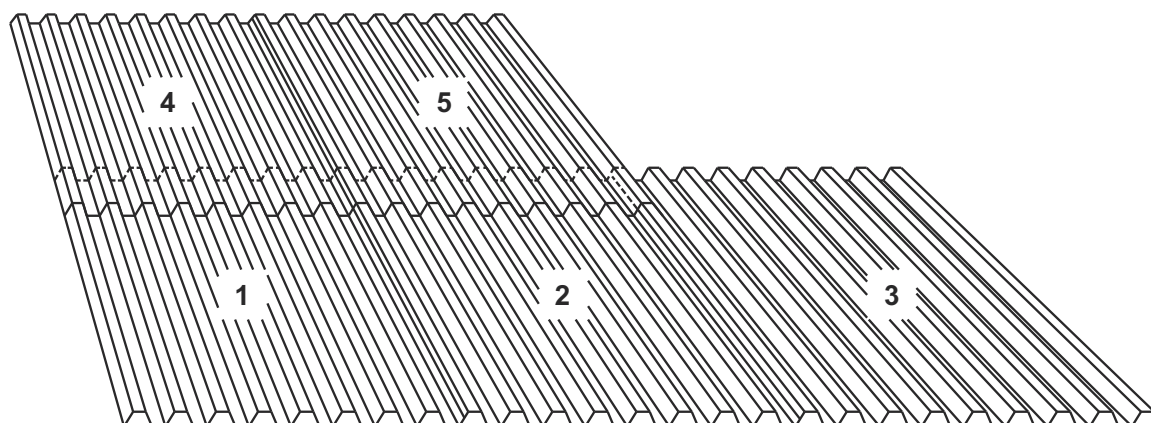


Figure 7.2.6: Sheet laying sequence



## 7.2.7 Flashings and cappings

[2019: 3.5.1.7]

- (1) Sheet metal roof **flashings** and cappings must comply with the following:
  - (a) Roof **flashings** and cappings must be purpose made, machine-folded sheet metal sections of material compatible with all up and downstream metal roof covering materials in accordance with 7.2.2(2).
  - (b) The type of fasteners for **flashing** and cappings must comply with 7.2.5.
  - (c) The fastener and fixing frequency for **flashings** and cappings must comply with Table 7.2.7.
  - (d) Joints in **flashings** and cappings must be not less than 75 mm, lapped in the direction of the fall of the roof, and fastened at intervals not more than 40 mm.
  - (e) Wall and step **flashings** must be fastened into masonry walls with galvanized or zinc/aluminium sheet metal wedges at each end of each length and at intermediate intervals of not more than 500 mm and must overlap by not less than 75 mm in the direction of flow.
  - (f) Lead **flashings** must not be used with prepainted steel or zinc/aluminium steel or on any roof if the roof is part of a **drinking water** catchment area.
  - (g) Anti-capillary breaks must be installed in accordance with Figure 7.2.7a and be—
    - (i) for flat surfaces – 10 mm/30 degree fold; and
    - (ii) all other surfaces – 10 mm/90 degree or 135 degree fold.
  - (h) Acceptable **flashing** configurations are shown in Figure 7.2.7b and Figure 7.2.7c.
- (2) **Flashing** of penetrations must comply with the following:
  - (a) Collar **flashings** must permit the total drainage of the area above the penetration.
  - (b) On completion of installation, the roof structure must be restored to its original strength by installing roof trimmers and soaker supports as necessary.
  - (c) The type of fasteners for **flashings** and cappings must comply with 7.2.5.
  - (d) Lead **flashings** must not be used with prepainted steel or zinc/aluminium steel or on any roof if the roof is part of a **drinking water** catchment area.
  - (e) Acceptable **flashings** for penetrations are shown in Figure 7.2.7d, Figure 7.2.7e and Figure 7.2.7f.
  - (f) Clearance for heating appliance roof support members must be in accordance with Part 12.4.

Table 7.2.7: Fastener frequency for flashings and cappings

Roof type	Fixing frequency	Fastener type
Concealed fastener roofs	Every rib	Rivets and self-drilling screws
Pierced fastener roofs	Every second rib	Self-drilling screws or rivets
Corrugated roofs	Every fourth rib	Self-drilling screws or rivets