

Fig 16 Double-lock standing seam junction with drip-step

This detail is one of the three methods of providing movement joints in Long Strip roofing. The lap-lock cross welt (see Fig 17) and the fillet drip (see Fig 16a) are the others.

With both versions of the dog-eared upstand, the minimum step height acceptable for drip-steps and fillet drips is 50mm.

The Pinched seam upstand can also be used, but the minimum step height must be increased to 100mm (see Fig 4f). This is because there is a projecting upstand seam to be accommodated, and the weathering of this with a downstand to the lining plate requires 50mm minimum of cover.

In Long Strip roofing lateral joints for movement must be provided, or overall bay sizes limited, in accordance with Table L. Sliding clips, of course, must also be provided as shown on Table L (p11).

Sometimes in Long Strip roofing the Traditional appearance of double-lock cross welts is required. This is described with Fig 15 (p52).

In Traditional roofing drip-steps can provide the lateral joints generally for roofs with a minimum pitch of 3degrees (see Tables D and F). Drip-steps will be required at 1700mm centres, and their minimum step height will be 50mm (see Fig 4e). The same applies if fillet drips are used instead but these can only be used for roof pitches at and over 14degrees, or 25degrees if the Pre-formed straight dog-eared upstand is used. The 10mm movement gap shown on the drawing at the end of the upper roofing sheet is not required for any of these situations.

Alternatively the Turned-down seam upstand can be used instead (see Fig 3c).

Temper: soft, quarter- or half-hard
Thickness: 0.6mm or 0.7mm

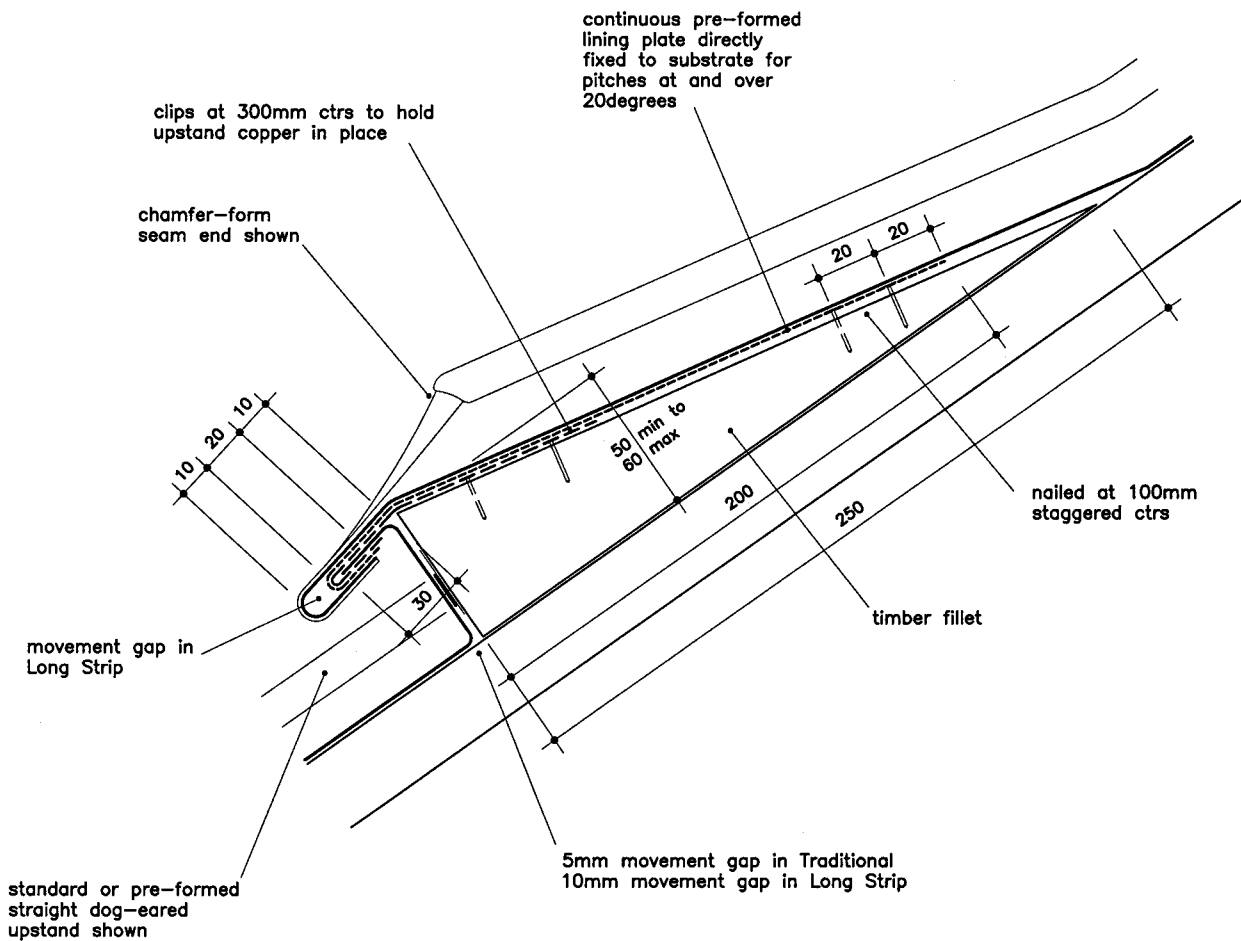


Fig 16a
Fillet drip

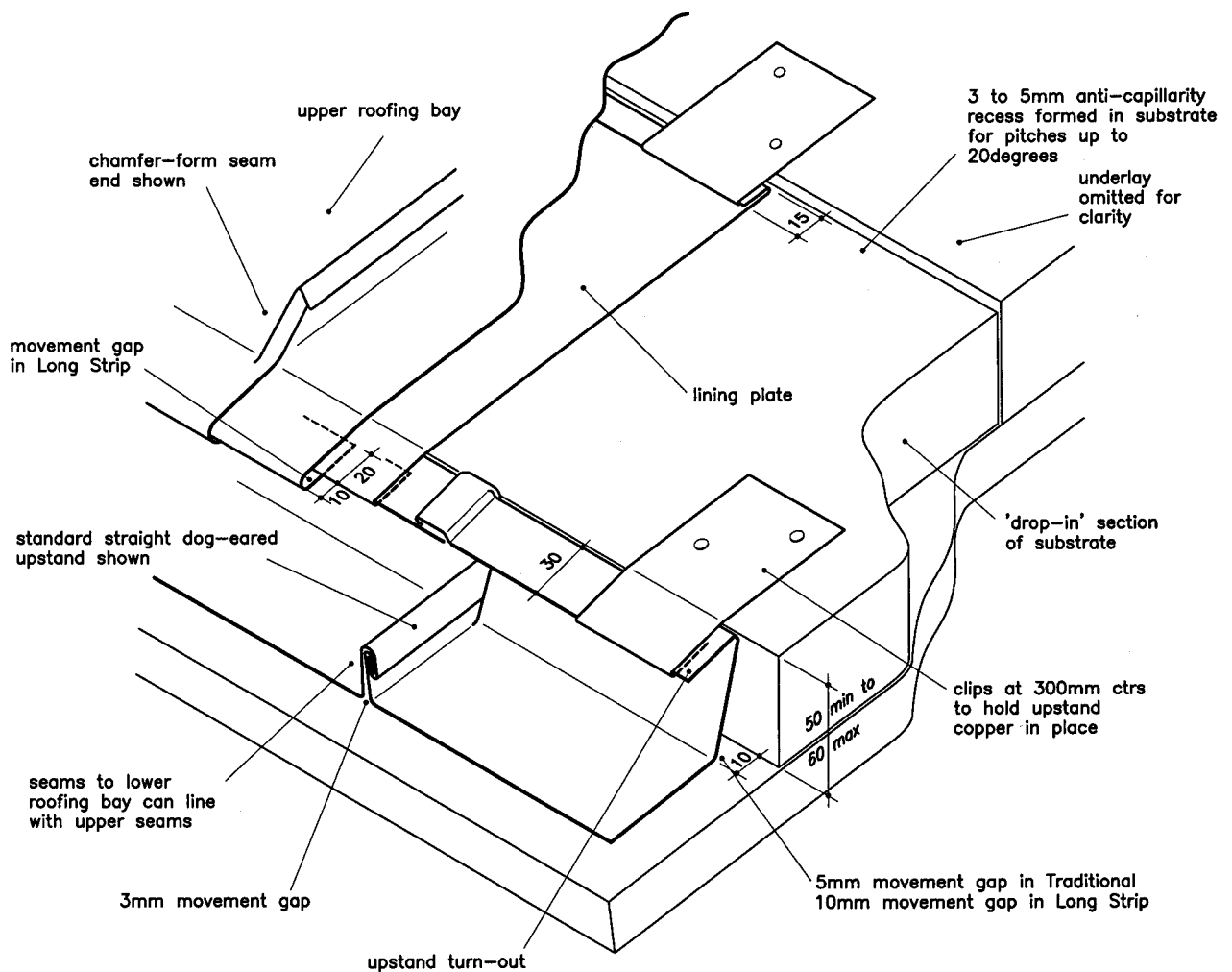
TRADITIONAL LONG STRIP

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Stage 1

Complete the Straight dog-eared upstand (see Figs 9 and 10) against the drip-step with a 30mm turn-out and a 10mm movement gap at its base. The Standard version requires a 'drop-in' section of substrate. For pitches up to 20degrees a 3mm to 5mm anti-capillarity recess (see also Fig 4e) needs to be accommodated in this section.

The Pre-formed straight dog-eared upstand can only be used with roof pitches at and over 25degrees. It requires no 'drop-in' section of substrate, and no recess at that pitch.



Stage 2

Clip the upstand turn-out to hold it in position for the fixing and turning under of the lining plate. The lining plate will project 30mm minimum from the top edge of the drip-step, so that the turn-under of the upper roofing sheet can engage it by 20mm and still have 10mm for movement.