



The flaunch to be removed and junction completed with lead



Remove slate, mortar. If bricks are more modern addition, they are to be removed and replaced with the lead detail specified

Back gutter to be replaced.

Wherever on the building this detail is found it is to be replaced with soaker and flashing

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LSTA

Roller Sheet Training Academy

Roller Lead Sheet | The Complete Manual

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Abutment flashings (cont.)

Soakers and step flashings to slates and tiles

Soakers are used where a slated or double-lap plain-tiled pitched roof abuts a wall. The length of a soaker equals the gauge (batten centres) plus the lap (the dimension by which the tile or slate overlaps the next but one below it). For example, the length of a soaker for a standard plain tile, laid to a gauge of 100mm and with a head lap of 65mm, would be $100 + 65 = 165\text{mm}$. For a slate laid to a gauge of 200mm and with a lap of 100mm, the length of its soaker would be $200 + 100 = 300\text{mm}$. An extra 25mm is added to this for turning down over the top of the tile or slate to prevent the soaker from slipping.

The width of a soaker should be a minimum of 175mm to allow for a 75mm upstand against the wall and 100mm under the tiles or slates. Soakers are usually made from code 3 lead sheet. Fig 67a shows soakers in position.

To make the abutment weather-tight, the upstand of the soakers is covered by a step flashing. A 150mm-wide piece of lead is held against the abutment and steps are marked, cut, and the turn-in of each step folded and then fitted, as shown in Fig 67b. The step flashing must cover over the soaker upstand by not less than 65mm. Each piece of step flashing should not exceed 1.5m in length and laps between pieces should not be less than 100mm. When fixing, use lead wedges to secure the steps (Fig 67c).

Fig 67. Abutment with soakers and step flashings

Refer to page 179 Fig 285 for soakers on dormers

a. Soakers

75mm
100mm
 $L = \text{Gauge} + \text{lap} + 25\text{mm}$

Tip edge turned over tile
Gauge
Lap

b. Marking-out step flashing

85mm
65mm
Water line
1.5m max

c. Fitting

Lead wedge

The LSTA is sponsored by ecobat CALDER LEAD

Page 30 of the Lead Sheet Training Academy handbook. Showing the correct detailing for roof and masonry abutments. This will be completed at every roof and masonry abutment on the building.

Tiger conservation project

SUBSIDIARY

Chimney works

Conservation project

Revision:
Tender

All dimensions are approximate

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FOR All Saints' PCC			
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