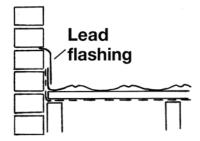
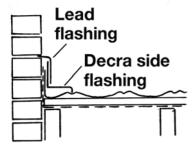
# 25. Side Edge Abutment

Turn the tile and roofing underlay 75mm up the abutment wall and cover over with a lead flashing.





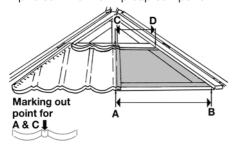


For tips on cutting and bending tiles, see back of this guide

## 26. Hips

Install tile battens to suit gauge of tiles, ensure that tile battens project to centre line of hip tree.

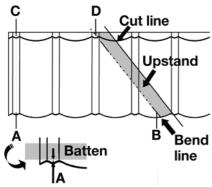
Install hip runner batten to each side of hip to suit width of hip cap component.



Step 1, Measuring for the Hip Tile

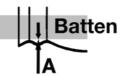
Measure from point (A) to (B). Measure from point (C) to (D), write down these measurements as this will be the set distance to make your bend at.

Step 2, Marking Out Your Hip Tile



Mark out the same measurement (A) to (B) & (C) to (D) to a tile. When

transferring measurements to tile ensure measurement corresponds with the position of the underlying tile batten (see batten intersection drawing below).



Scribe a line from (B) to (D), this will be the bending point for your hip tile.

Scribe an additional cut line on to the tile to allow for a tile upstand at the hip. This upstand should be sufficient to cover the hip runner batten (any excess in the upturn can be dressed over the top of the hip batten).

#### Step 3, Cut and bend your hip tile



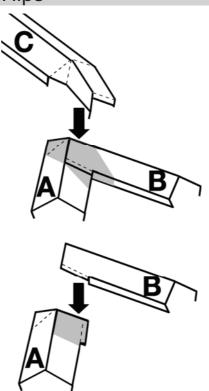
See tips on cutting and bending tiles at back of this guide

#### Step 4, Install ridge cap to hip

The methods for installing Decra D ridges with or without Universal D ridge ventilators is the same in principle as shown for the ridge detailing earlier in this guide.

NOTE: Pre-finished hip end closures are available for the foot of the hip.

# 27. Forming A Three Way Intersection At Hips



To form a three way intersection using D Ridges cut and fold tabs and flaps in ridge tiles as shown ridge sections A, B & C above. Install ridge section A

followed by ridge section B then C on top. Nail ridge caps into position and touch up with Decra finishing kit.

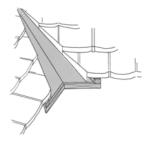
### 28. Valleys

Lay valley boards flush with rafter level and install valley runner batten to each side of valley.

If needed install an additional packer batten, parallel to side of valley runner batten, so as to support sweep of tile batten.



Install tile battens to suit gauge of tiles, ensure that tile battens sweep up and over valley runner batten. Cut battens to rake projecting over valley to 65mm short of centre line of valley.



For measuring, marking out, cutting and bending valley tiles follow the same procedure as the hips (refer to hip section). But form a downturn in the valley tile rather than an upstand.

NOTE: When forming a downturn in the tile take a measurement from top of leading edge of tile batten to valley surface and allow for tolerance in fit to avoid the downturned edge of the tile making any contact with valley surface.



For tips on cutting and bending tiles, see back of this guide