



## INSTALLATION

### Positioning

The Dry Fix Bonding Gutter should be placed to allow the slate or tile bond to be maintained and using either a replacement tile and a half or wider slate if possible. Where the tile nibs may interfere with the bonding gutter profile, they should be removed. It is recommended that a mechanical fix be provided to replace them.

### Preparation

The Dry Fix Bonding Gutter is designed to fix directly over the tiling or slating battens of both new and adjacent roof or over the underlay and directly into the sarking boards in a fully boarded roof, typical of Scottish practice. Any battens and underlay on the adjacent roof should be checked for condition and if necessary renewed back to the nearest appropriate rafter, any defective nails should be replaced.

### Fixing the Dry Fix Bonding Gutter

Before installing the Dry Fix Bonding Gutter, mark the centre line of its intended position onto the roof and then remove the slates or tiles for cutting. With the slates or tiles removed, install the bonding gutter to the established centre line between the old and new roof, commencing at the eaves. Allowing for a 50mm overhang of the Dry Fix Bonding Gutter into the rainwater gutter, the central upstand should be pinched together before fixing with nails of acceptable quality through the outer flanges and into the battens on both sides and at 500mm centres maximum. When joining lengths of Dry Fix Bonding Gutter use the minimum lengths of overlap as follows:

<b>Roof Pitch</b>	Over 39°	30-39°	22.5-29°	below 22.5°
<b>Overlap:</b>	150mm	200mm	300mm	350mm

The slates or tiles, when fitted onto the Dry Fix Bonding Gutter, should be close or touching the central upstand on both sides but with care taken to avoid any pressure or distortion and maintain the straight line appearance of the profile. When nailing the slates or tiles, care should be taken to avoid nailing into or between the water channels.

At the ridge, consideration should be given to fitting a minimum code 4 lead saddle over the apex of the roof and dressed over the Dry Fix Bonding Gutter. The length of overlap of the saddle onto the Dry Fix Bonding Gutter should be in accordance with the overlap lengths given previously. Ridge tiles, whether dry fixed or mortar bedded, are fitted in the normal manner.

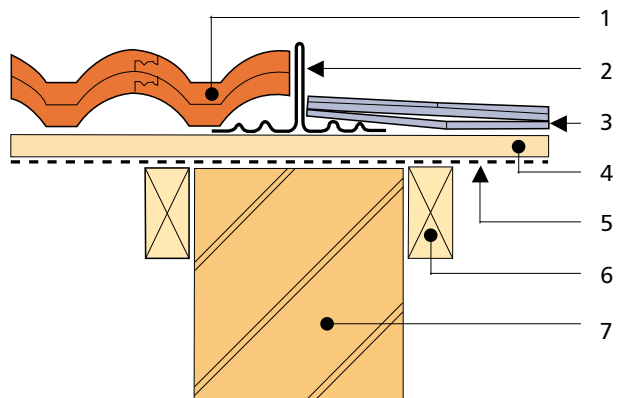
### Fire Break Installation

When creating a fire break installation, e.g. at a party wall, the battens should be cut to allow a smooth trowelled mortar barrier to be built up off the wall and finished level with the top of the slating or tiling battens.

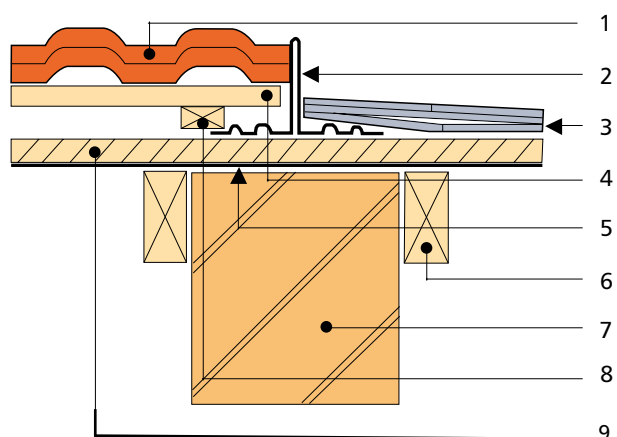
When dealing with an existing fire break detail, any loose mortar or mortar that may be sound but rose above the level of battens should be removed and the mortar barrier reinstated or made good.

The underlay on both sides of the mortar barrier should be folded back over the battens before nailing the Dry Fix Bonding Gutter into position and proceeding with the installation as previously described.

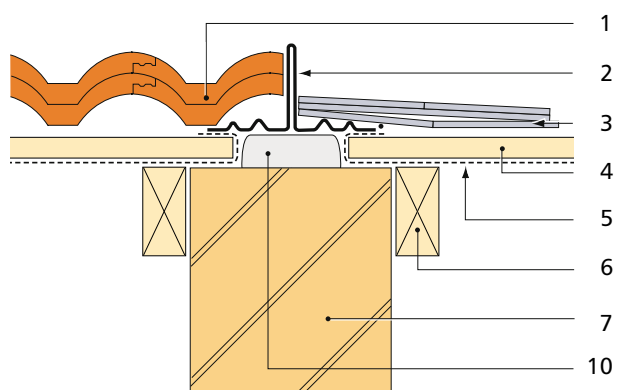
## TYPICAL STANDARD INSTALLATION



## TYPICAL SCOTTISH INSTALLATION



## TYPICAL FIRE BREAK INSTALLATION



- |                          |                  |                   |
|--------------------------|------------------|-------------------|
| 1 Tiles                  | 5 Roof Underlay  | 9 Sarking Board   |
| 2 Dry Fix Bonding Gutter | 6 Rafter         | 10 Mortar Barrier |
| 3 Slates                 | 7 Party Wall     |                   |
| 4 Batten                 | 8 Counter Batten |                   |