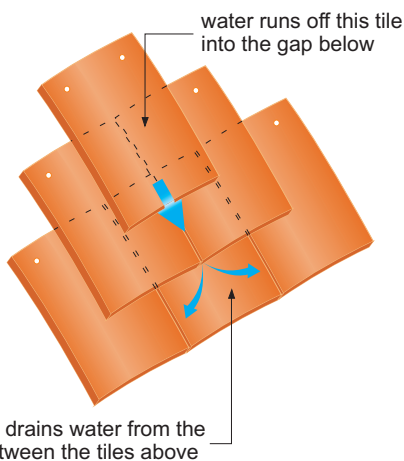
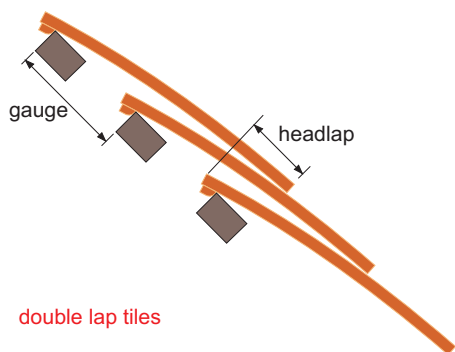


Double lap and single lap tiling

Traditional plain tiles

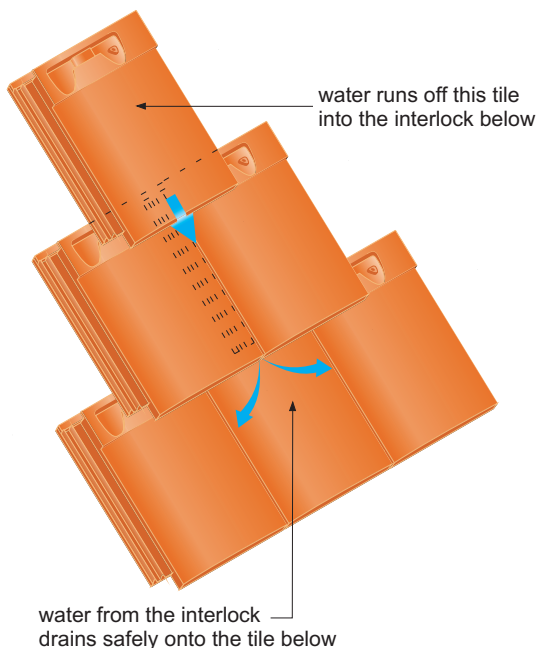
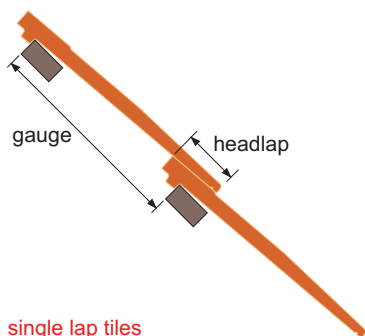
Traditional double lap plain tiles are one of the oldest forms of roof covering in the UK. The term 'double lap' is applied to the way that the plain tiles are laid on the roof to create an effective barrier to water. Plain tiles, like slates, are uniform in shape and have no side interlocks, allowing water to enter the gaps between the tiles. To drain this water away safely there must be another tile below each joint. This means that at any point of the roof there is at least a double layer of tiles, hence the term 'double lap' - at the headlap there are actually three layers of tiles (see below).



Interlocking tiles

By adding features such as side interlocks and drainage channels it is possible to prevent the water from falling between the tiles at the side joints and instead carry it away to the tile below. This means that it is not necessary to have a double layer of tiles, which dramatically reduces the number of tiles required.

The interlocking system also provides a much greater degree of control over wind and water ingress and thus enhances performance, making interlocking tiles suitable for lower roof pitches.



For more information please contact Sandtoft Technical Support on 0870 145 2021.

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Dr John's technical notes