

The Anatomy of a Slate Roof

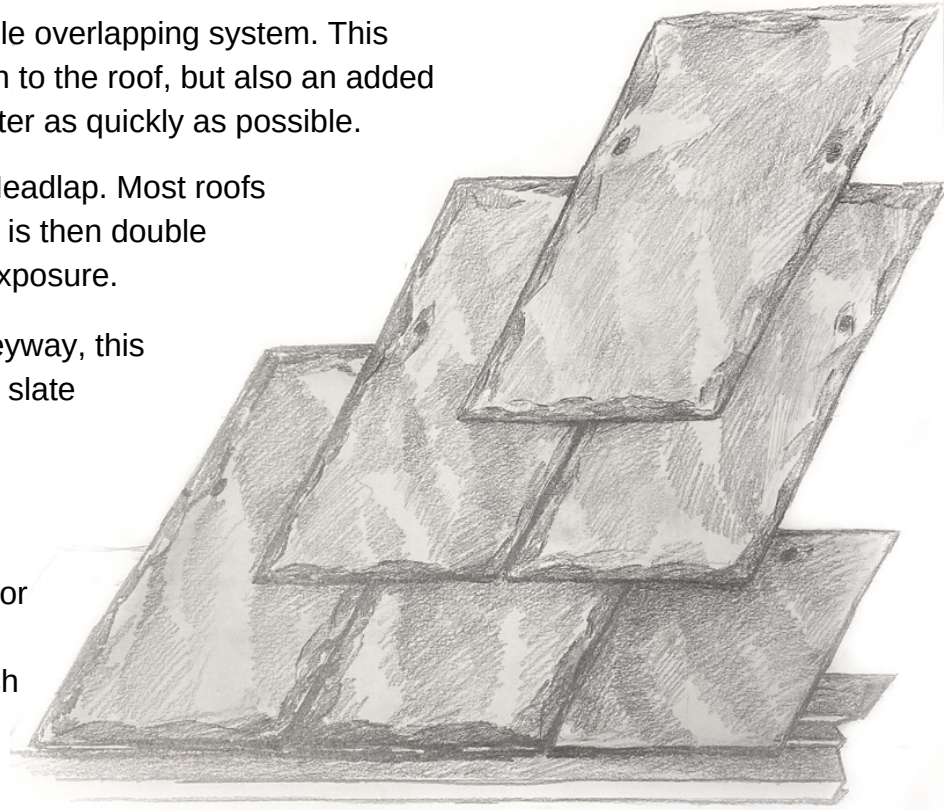
A slate roof's design is constructed with a triple overlapping system. This system provides not only density and strength to the roof, but also an added protection from the elements by shedding water as quickly as possible.

The triple overlapping area is known as the Headlap. Most roofs will utilize a 3" Headlap. A portion of the slate is then double overlapped, and the exposed portion is the Exposure.

The space between slates is known as the keyway, this gap coupled with the chamfered edges of the slate helps shed water off the roof.

Slate tiles should always be HUNG on a roof, and should always be installed with stainless or copper nails. When nails are installed to the roof deck, the nail head should be seated flush in the slate hole recession on the face of the slate. Each tile should wiggle slightly without downward tension on the tile.

To start a slate roof, a cant strip and a starter slate should be used to create the appropriate height for the subsequent courses of slate.



Roofing slate tiles are all natural stone. They are not sealed or coated with additives.

This time tested system has been protecting structures for centuries.

