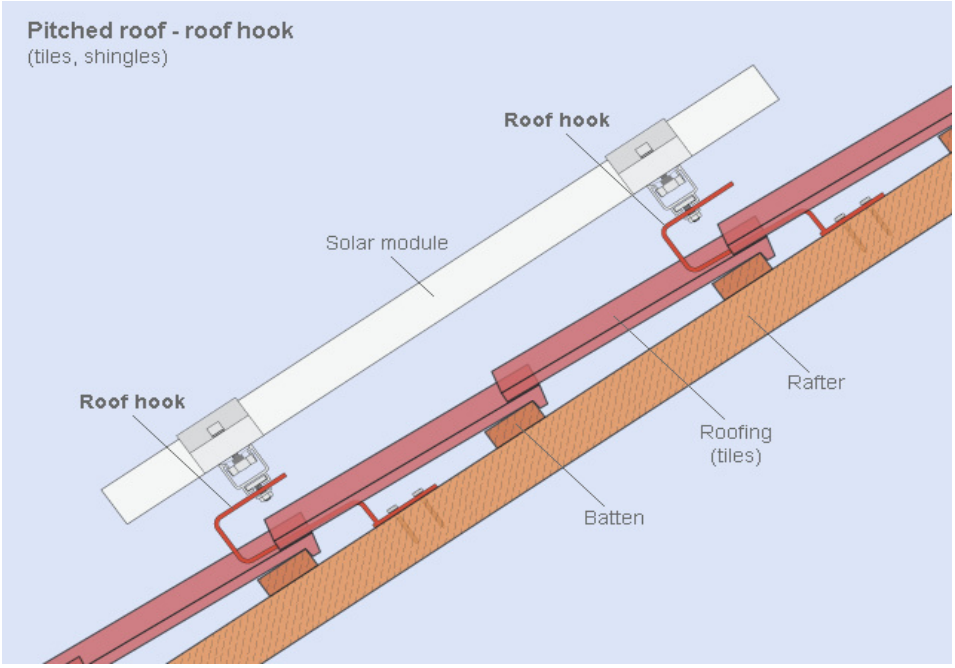
Schematic section through roof showing underlying roof structure rafters, battens and roof tiles and then added roof hooks which secure to rook rafters with wood screws, solar panel mounting frame which attach to the roof hooks. The actual solar panels then attach via simple brackets to the solar panel mounting frame.



The picture below shows how the solar panels will be attached to the roof in practice. As can be seen the impact to the kitchen roof will be minimal since the roof hooks attach to the roof rafters directly, and can be easily removed if the solar panels need to be removed in order to put the roof back to its original appearance.

