



THE QUESTION OF WEIGHT?

Engineers and builders who routinely use concrete tile roofs, do not worry about the weight of the tile since they are usually very familiar with the load and construction criteria and build the structure accordingly. However, others who have not had the opportunity to use tile are sometimes inclined to dismiss roof tile as too heavy and don't take the time to learn how simple and affordable it is to use tile and add long-term value to the structure in the process.

More and more roofers are becoming familiar with roof tile but if your contractor is uncertain about the structural requirements for tile, please have him contact Crown and we will be happy to provide him with the information he needs.

Practical Guidelines

It's not a Mystery – most tiles weigh around ten pounds per square foot but only constitutes a little over a third of the combined load that engineers design for.

Most homes already built to carry a tile roof – homes built in compliance with Section 2308 / Conventional Light-frame Construction of the International Building Code (IBC) rarely require any modification other than simple rafter reinforcement to carry a tile roof.

Tens of thousands of homes converted to tile – following the California wildfires during the 1980's, thousands of homes were converted from wood roofs to tile and have withstood numerous earthquakes since then with no damage.

Roof reinforcement is practical and affordable – most roof framing is easily accessible during the reroof process and does not require any access through walls or ceilings to accomplish the necessary modifications. A house built or modified for a tile roof ends up being an overall stronger and more stable house.



A stronger roof is a happy roof!

