

Stone Versus Ceramics, The Under Floor Heating Debate.

Which is best for under floor heating stone or ceramic ?

Stone Tile Sales says "The straight answer is that they are about the same. Hard stones and porcelain are similar in structure and density and therefore conduct or absorb the heat from the element underneath at a similar rate.

They also therefore release the heat at a similar rate, making the surface of the tiled floor feel warm under foot and thus warming the room.

The difference lies in the thickness of the material. Generally speaking a stone tile is thicker than a ceramic tile (not so of terracotta) and therefore it will absorb more heat energy. This means that it will take slightly longer to warm up by a matter of a few minutes. But it also takes longer to release the energy and so the stone floor will generally feel warm for longer after the heating system has been switched off.

Arguably then using a timer, the under floor cables with a stone floor could be switched off earlier and still be releasing heat energy. So the \$ Billion question is :

Q/ Which one uses the most energy and therefore costs the most ?

A/ They are both the same

Together with the Floor Warming Company, Stone Tile Sales have developed a powerful yet affordable system making any floor surface in any room a joy to walk on.

Our Classic mat unlike competitor products has a fabric backing allowing adhesives to be fully absorbed, thereby allowing a perfect bond between the tiles and the sub-floor. Use the Classic Mat if you want the thinnest cable in our range, to keep the floor height to a minimum.