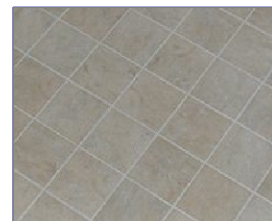




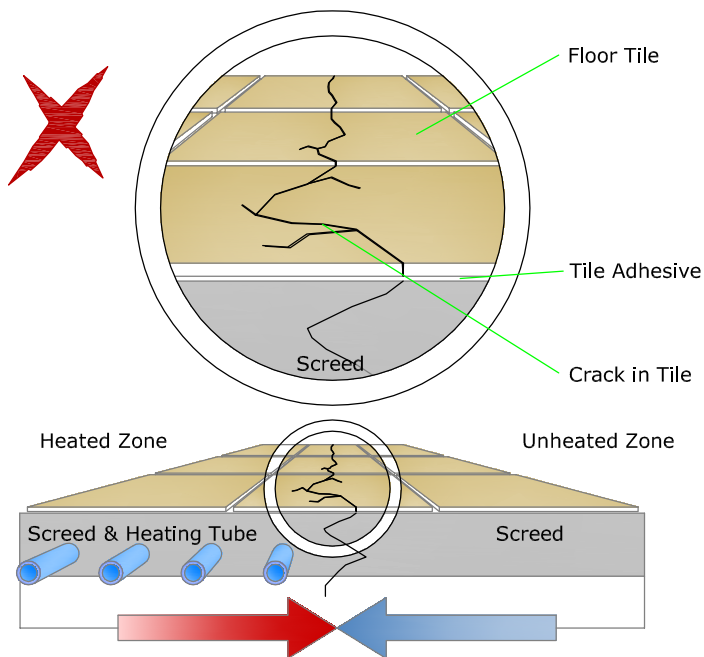
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UNDER FLOOR HEATING & COOLING SYSTEMS - Heat Transfer

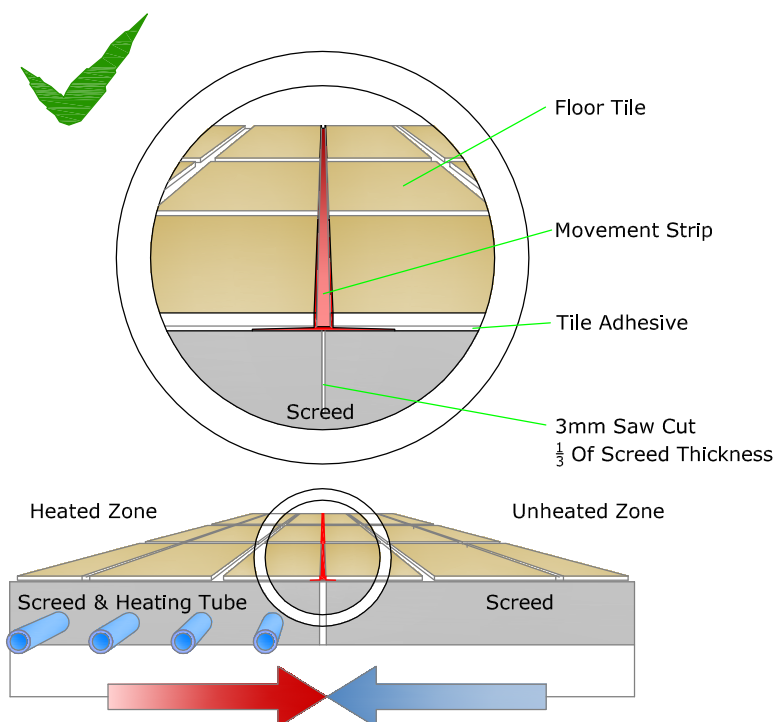
A note on Conflicting Heat transfer on screed floors



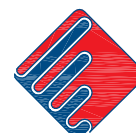
In any instance whereby there is both heated and unheated areas within a particular zone, should the floor finish be of some form of tile such as Ceramic, Marble or Granite. The possible movement of energy, (In this case Heat difference) within the screed needs to be taken into account. There may be the possibility of movement within the floor which can cause the tiles to move, lift or even crack.

This can be eliminated by the use of a **CONTROL JOINT** within the screed and through the tiled floor finish.

The most common method is to make a **SAW CUT** in the screed to about $\frac{1}{3}$ of the final screed thickness, then directly above this a **TILE MOVEMENT STRIP** to which the tiles butt up to. This may drastically reduce **THERMAL BRIDGING** and allow for lateral movement of the tiles.



ALWAYS CHECK WITH A
QUALIFIED STRUCTURAL
ENGINEER OR FLOORING
SPECIALIST.



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