

FACT SHEET

Fitting of Insulation Boards and Vapour Barrier for the Komfort Underfloor Heating Systems

Before the laying of the insulation boards the room must be swept clean, removing all debris. The flooring grade of insulation can be now laid on top of the * concrete sub floor.

The board should be level without any movement such as rocking or sinking; low points can be raised by spreading dry sand beneath the insulation board. For best results all boards should be fitted tightly together.

Next fit the perimeter border edging around the perimeter of the room: this must include door sills, vent pipes and other vertical objects. Now the vapour barrier can be laid on top of the insulation board with any joints being overlapped by 150mm minimum and sealed together with tape.

The vapour barrier should have an up stand of 150mm at the edge of the room. The internal corners preferably should be folded and taped in the corner creating a sealed tray (as shown below).

The vapour barrier's vertical edge should now be fixed firmly to the wall covering the perimeter edging strip.

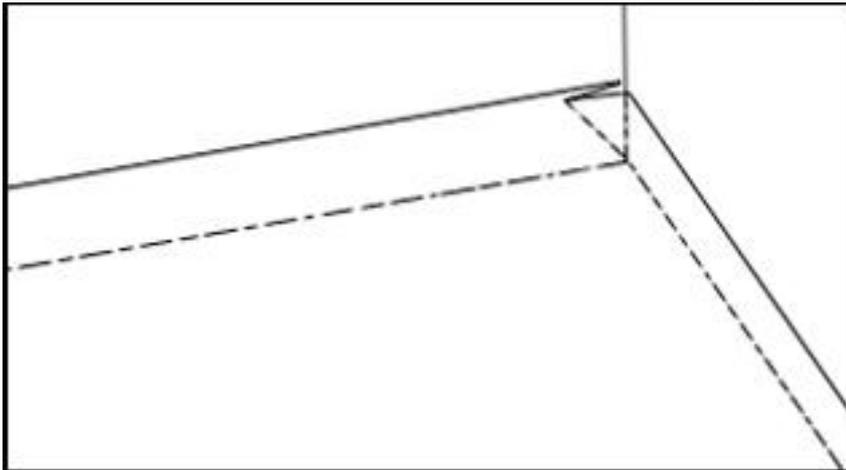


Illustration of corner folding of the vapour barrier on the up stand.

With the vapour barrier being installed this way the screed floor is completely sealed and isolated from the sub floor, allowing the use of both liquid and semi dry screeds, eliminating the risk of the screed getting underneath the vapour barrier and bridging the heated floor with the cold sub floor.

Should the perimeter edging strip be fitted after the vapour barrier has been installed, and it is not possible to fit the perimeter edging strip between the wall and the vapour barrier, then it can be fitted on the room side of the vapour barrier and if the pvc apron is fitted on the room side it should be taped to the vapour barrier to avoid the pvc apron floating within the liquid screed.

The perimeter edging border can also be fitted with the pvc apron being neatly concealed between the perimeter edging and the vapour barrier.

*It has been assumed that a damp proof membrane has already been installed underneath the concrete sub floor, if there isn't a damp proof membrane fitted, we recommend that once is installed on top of the concrete slab before laying the insulation boards.