



KITCHEN

NO

CONSERVATORY

NO

BATHROOM / EN-SUITE (WET or DRY AREA)

NO

LIVING ROOM, DINING ROOM, STUDY, HALL etc

YES

RENOVATION or a NEW BUILD, where the kitchen sub-floor (concrete or wood) has already been finished prior to selection of the underfloor heating system – this is the most common. Also, the floor has been well insulated during construction

NOTE: Refer to installation instructions

NO

NEW BUILD situation where the kitchen floor and underfloor heating design are decided at the same time. This is when the underfloor heating can be installed during the construction of a concrete sub-floor in the kitchen

OTHER

RENOVATION with a poorly insulated concrete sub-floor

YES

Select the Overfloor:

TILES, STONE, MARBLE, SLATE, TRAVERTINE

NO

Select the Overfloor:

LAMINATE, WOOD or CARPET

YES

Select the Overfloor:

TILES, STONE, MARBLE, SLATE, TRAVERTINE, LAMINATE, WOOD or CARPET

YES

Select the Overfloor:

TILES, STONE, MARBLE, SLATE, TRAVERTINE

ANY OF THE ABOVE

ANY OF THE ABOVE

ANY OF THE ABOVE

ANY OF THE ABOVE

SOLUTIONS:

CONCRETE SUB-FLOOR

RFM mat system rated 150w/m² or RFMH mat system rated 200w/m²

WOODEN SUB-FLOOR

RFM mat system rated at 150w/m²

OPTION (concrete sub-floors): If you have no floor height restrictions consider installing a 6mm or 10mm layer of BLUEBOARD insulation panel before the heating for added efficiency. Alternatively, with height restrictions, apply 2 coats of **INSUL-PAINT**

SOLUTION:

CONCRETE OR WOODEN SUB-FLOOR

Apply a single layer of LAMFOAM floor insulation which will raise the floor height by 6mm, then install RFLAM aluminium foil mat heating system

SOLUTION:

Install foil faced thermal insulation such as Celotex or Kingspan, then RFC17 “cable in screed” heating cables covered with a final minimum 65mm thick sand & cement layer.

SOLUTION:

If you have no floor height restrictions consider installing a 6mm or 10mm thick layer of BLUEBOARD insulation panel before the heating and then apply the RFM mat system rated 150w/m² or RFMH mat system rated 200w/m². Alternatively, with height restrictions, apply 2 coats of **INSUL-PAINT**