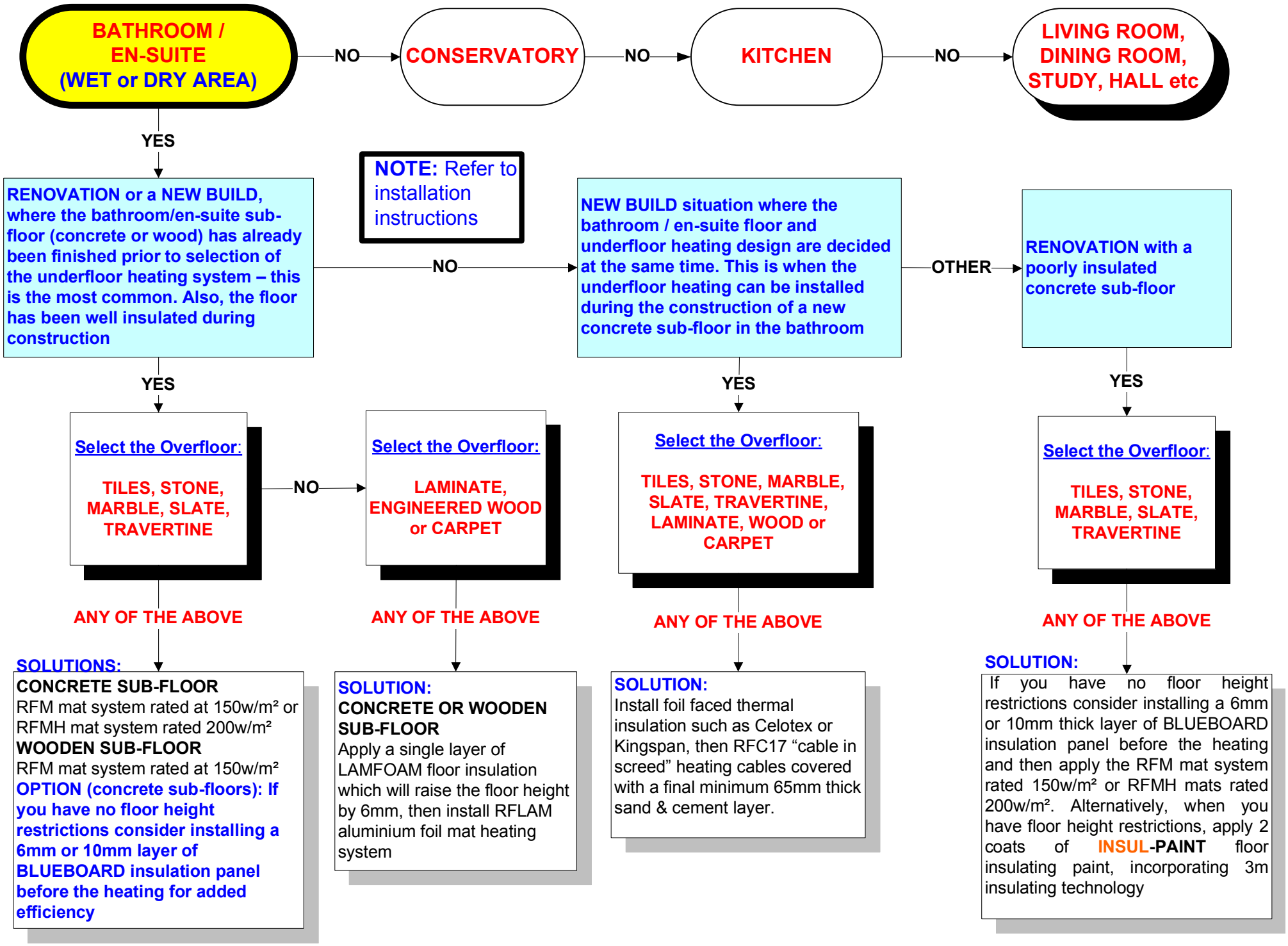
BATHROOM / EN-SUITE (WET or DRY AREA)
NO
CONSERVATORY
NO
KITCHEN
NO
LIVING ROOM, DINING ROOM, STUDY, HALL etc
YES
NOTE: Refer to installation instructions
RENOVATION or a NEW BUILD, where the bathroom/en-suite sub-floor (concrete or wood) has already been finished prior to selection of the underfloor heating system – this is the most common. Also, the floor has been well insulated during construction
NO
NEW BUILD situation where the bathroom / en-suite 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 new concrete sub-floor in the bathroom
OTHER
RENOVATION with a poorly insulated concrete sub-floor
YES
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVERTINE
NO
Select the Overfloor:
LAMINATE, ENGINEERED 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 at 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
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 mats rated 200w/m². Alternatively, when you have floor height restrictions, apply 2 coats of INSUL-PAINT floor insulating paint, incorporating 3m insulating technology