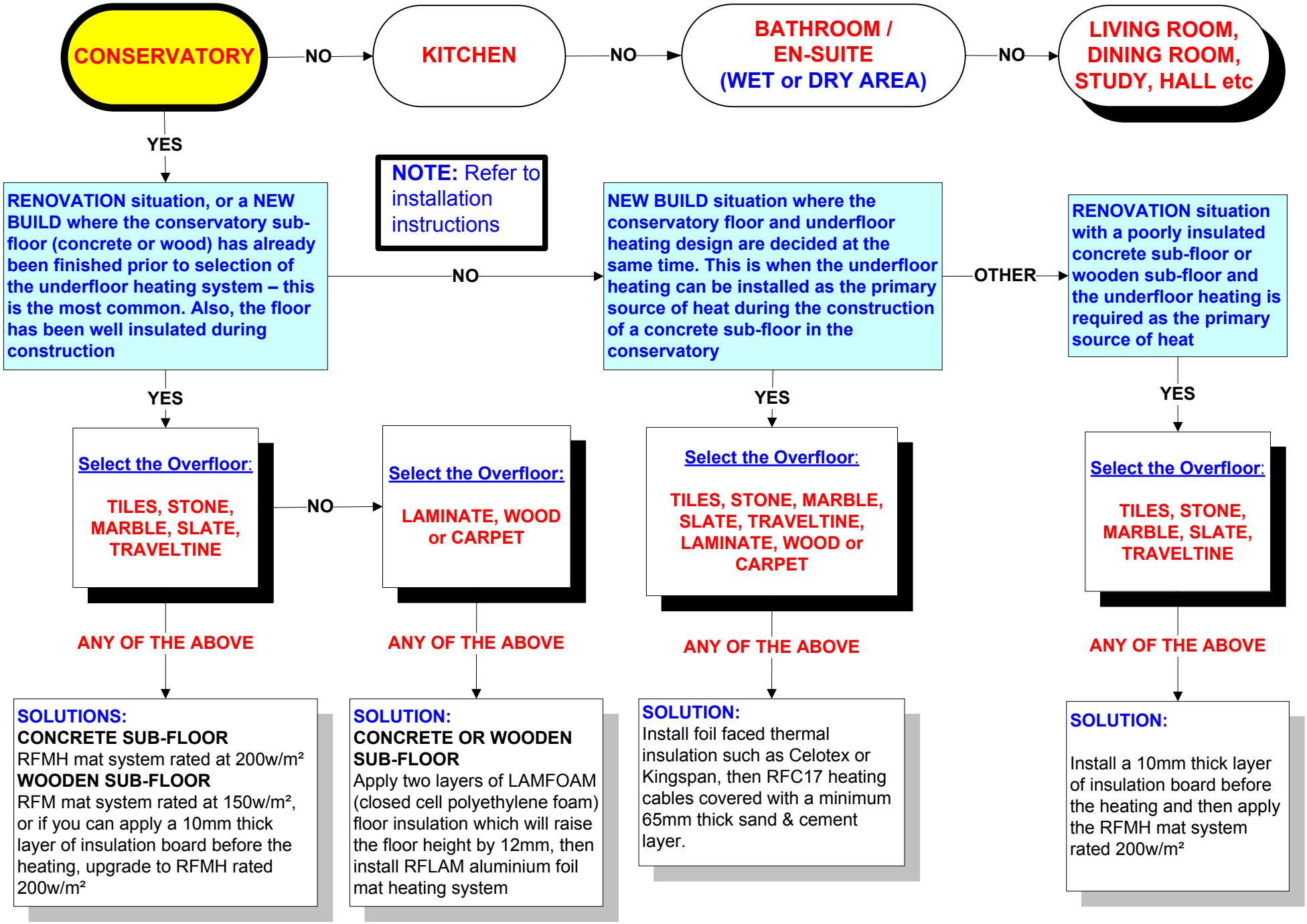
CONSERVATORY
NO
KITCHEN
NO
BATHROOM / EN-SUITE (WET or DRY AREA)
NO
LIVING ROOM, DINING ROOM, STUDY, HALL etc
YES
NOTE: Refer to installation instructions
RENOVATION situation, or a NEW BUILD where the conservatory sub-floor (concrete or wood) has already been finished prior to selection of the underfloor heating system – this is the most common. Also, the floor has been well insulated during construction
NO
NEW BUILD situation where the conservatory floor and underfloor heating design are decided at the same time. This is when the underfloor heating can be installed as the primary source of heat during the construction of a concrete sub-floor in the conservatory
OTHER
RENOVATION situation with a poorly insulated concrete sub-floor or wooden sub-floor and the underfloor heating is required as the primary source of heat
YES
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE
NO
Select the Overfloor:
LAMINATE, WOOD or CARPET
YES
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE, LAMINATE, WOOD or CARPET
YES
Select the Overfloor:
TILES, STONE, MARBLE, SLATE, TRAVELTINE
ANY OF THE ABOVE
ANY OF THE ABOVE
ANY OF THE ABOVE
ANY OF THE ABOVE
SOLUTIONS:
CONCRETE SUB-FLOOR
RFMH mat system rated at 200w/m²
WOODEN SUB-FLOOR
RFM mat system rated at 150w/m², or if you can apply a 10mm thick layer of insulation board before the heating, upgrade to RFMH rated 200w/m²
SOLUTION:
CONCRETE OR WOODEN SUB-FLOOR
Apply two layers of LAMFOAM (closed cell polyethylene foam) floor insulation which will raise the floor height by 12mm, then install RFLAM aluminium foil mat heating system
SOLUTION:
Install foil faced thermal insulation such as Celotex or Kingspan, then RFC17 heating cables covered with a minimum 65mm thick sand & cement layer.
SOLUTION:
Install a 10mm thick layer of insulation board before the heating and then apply the RFMH mat system rated 200w/m²