



## NOTES/HANDY TIPS ON TYPES OF FLOORING with UNDER FLOOR HEATING

1. A tiled floor covering is the most efficient for under-floor heating, then lino, laminates, hardwoods and carpet in that order.
2. Problems only occur when the design has been done, for instance for tiled floor and carpets are fitted.
3. It is important to ensure that the screed/cement is completely dried out before laying any flooring so that no moisture is absorbed into the floor covering especially solid hardwood..
4. Ensure there is no air gap between floor heating & floor covering as this will act as an insulating factor.
5. Carpet & underlay should not exceed 1.5 tog.
6. Hardwood floated over screed should preferably be a maximum of 22mm.
7. To avoid cracking of tiles or movement of tiles, it is recommended to lay a reinforcing mesh (A142) above the under-floor heating pipes in the cement screed.
8. The engineered laminate floor boards are ideal with under floor heating and are generally in strips of 150mm wide e.g. Tarkett, Karrs or Similar (check with supplier).
9. Only wood floor *not suitable* with floor heating is tongue and grooved pine softwoods.
10. Hardwood flooring over under-floor heating is fine if a few common sense rules are adhered to:
  - Timber should have less than 8% moisture content
  - If possible use a flooring with 'secret clipping' system so the flooring can be floated over the screed on top of a 2mm thick foam underlay
  - If the screed finish is uneven then self-levelling compound can be used to level the surface prior to laying the floor.
11. **Always** check with your Specialist Floor Supplier.

Paragon Systems (Scotland) Limited, Corbie Cottage, Maryculter, Aberdeen AB12 5FT

[www.paragon-systems.co.uk](http://www.paragon-systems.co.uk)

[info@paragon-systems.co.uk](mailto:info@paragon-systems.co.uk)

Tel: 01224 735536

Fax 01224 735537

*scotland's underfloor heating specialists*