

Is electrical underfloor heating suitable for all floor coverings?



This is a common question that many homeowners understandably have when deciding whether to install electrical underfloor heating. Although, electrical underfloor heating can be installed under all floor types there are certain things to be aware of beforehand. The content on the following pages will hopefully shed some light on to these considerations.

Tiles



Generally speaking this is the best finish for electrical underfloor heating, as the highly conductive surface ensures the maximum amount of heat passes through and consequently spreads across the room.

In order to ensure the system works to its maximum capacity, the floor surface cannot exceed 29 degrees. Tiles will also need to be "fully bonded" on to the surface.

Laminate and Wood



Again this surface is perfectly compatible with electrical underfloor heating, although it is recommended that the thickness does not exceed 20mm. Thinner laminates work a lot better, as they offer better conductivity.

Vinyl



This can be used providing the material thickness does not exceed 6mm and has a thermal resistance of less than 0.15w/mk. If you would like to install electrical underfloor heating under this surface, please check with your supplier first.

Carpet



Although electrical underfloor heating can be installed under carpet, its insulation properties can reduce any potential benefits. However providing the tog rating of the carpet is under 2.5, electrical underfloor heating can work effectively.

Again, please check with your carpet supplier before carrying out an installation

**For further information on this topic or to find out more about
Uponor UK's Electrical Underfloor Range, please refer to:
Comfort-e.co.uk.**