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## Underfloor Heating and Dunlop Flooring's Carpet Underlay Range

Dunlop Flooring carpet underlays are designed to support all types of heating systems, providing the heated slab is functioning according to the manufacturer's specifications and does not exceed 40 degrees Celsius.

The method of manufacturing for Dunlop Flooring carpet underlays allows the underlay to be installed on heated slabs without any loss of performance.

It should be noted that all foam underlays are insulators and independent laboratory tests show that thermal resistance is directly proportional to the thickness of the underlay used.

Thermal resistance is measured in (meters<sup>2</sup> degrees Kelvin / Watt). Higher resistance means better insulating properties and is desirable for insulation purposes. However **lower** resistance is desirable if the underlay and carpet assembly is to sit on top of a heated floor.

It therefore takes longer to heat a room installed with an underlay compared with that of a ceramic or vinyl area without underlay. But once temperature equalisation has taken place, the temperature remains more stable.