

supplying the leading
underfloor heating solution

zenaflex heating foil



The easy way to install electric underfloor heating.

Zenaflex is an ultra-thin underfloor heating foil and is primarily used under laminate and engineered wood flooring. It is fitted directly under a floating wooden floor over Dellava XPS insulation, so is fast-acting and efficient.

The Dellava XPS insulation also acts as the underlay for the flooring - negating the need for a proprietary underlay and keeping the increase in floor height minimal. The total installation height of the Zenaflex system with Dellava XPS is only 6.3mm – hardly any more than many traditional underlays alone.



Zenaflex is very easy to fit – it is simply unrolled and taped down before the laminate or engineered timber is fitted and it can also be installed under carpet if first covered with a thin ply or MDF board. No special tools or skills are required and the system requires no glues, screeds or adhesives – so under a click-type laminate you can have a ready-to-use underfloor heating system in hardly any longer than it takes to lay the flooring alone.

Zenaflex is a well proven product which is used to heat whole developments, flats and houses or individual rooms. The Zenaflex heating element is covered by a comprehensive 10 year warranty.



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Zenaflex is typically supplied by the metre so different lengths can be cut on-site. When the heating foil has been laid, the different lengths are simply joined together using special crimps and double-insulated cable to form a whole-room heating system. **Zenaflex** is then simply connected to the 230 V supply via the Programmable Thermostat.

Zenaflex is ideal for new buildings as the foil can be laid directly on the floor surface be it suspended timber or concrete. There is no impact on the sub-floor construction as the **Zenaflex** is simply fitted onto the floor surface, over Dellava XPS insulation. **Zenaflex** is also the perfect solution for renovation work as the 6.3 mm build-up (with Dellava XPS insulation) means a minimal installation height. **Zenaflex** can be used as the sole heating source or as a complement to provide comfort heat.

OTHER ESSENTIALS

Dellava XPS

Zenaflex should be used over Dellava XPS high performance insulation material. Dellava XPS is an extruded polystyrene foam with excellent sound and thermal properties. It is moisture resistant, effectively blocking out damp and coldness from solid flooring.

Light to handle, easy to cut to shape, and supplied with Zenaflex, Dellava XPS reflects heat upwards through the floor so that heat is not lost to the sub-floor. Using Dellava XPS insulation replaces the need for any other underlay.

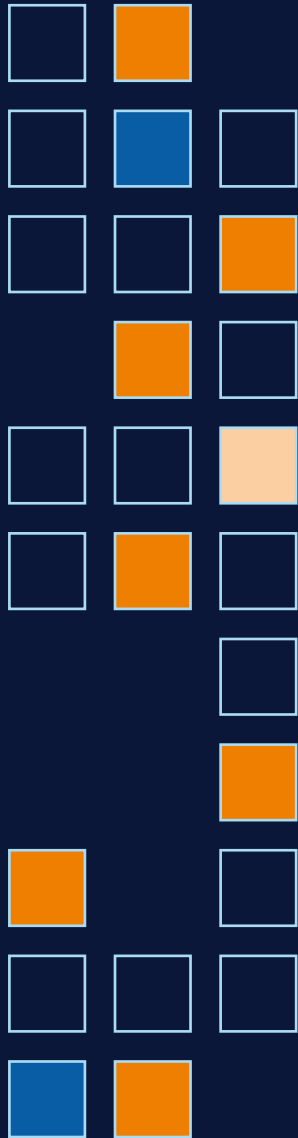
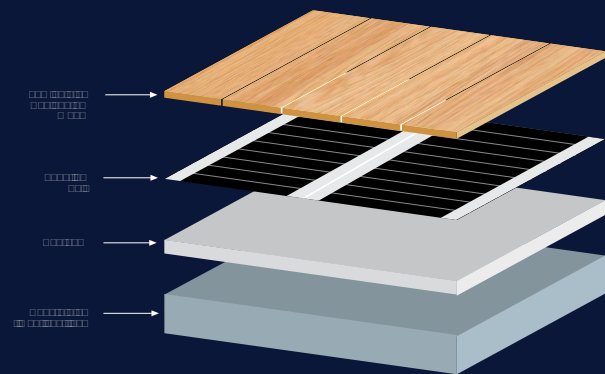
Programmable Thermostat

To ensure the most efficient operation of Zenaflex we provide a digital programmable thermostat with the following features energy-saving features:

- Seven day programmable
- Four set points per day
- A microprocessor that analyses the systems past performance in order to optimise future settings
- Early start function option; the controller determines the optimum system start time to achieve the selected temperature at the programmed time.

THE BENEFITS

- Perfect for use under laminate or engineered wood floors
- Ideal for use under carpets if first covered with a thin ply or MDF board
- Virtually no increase in floor height
- Easy to fit
- Heats the whole room
- Economical
- No unsightly pipes or radiators
- Energy efficient
- No periodic maintenance
- Safe low temperature system
- Draught free
- Great for allergy sufferers



 **thermal reflections**™
UNDERFLOOR HEATING SYSTEMS

www.thermalreflections.co.uk

Thermal Reflections Ltd | Unit 3 | 400 Cromwell Road | Grimsby | North East Lincolnshire | DN31 2BN
Tel: +44 (0)1472 346795 | Fax: +44 (0)1472 346796 | Email: sales@thermalreflections.co.uk

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