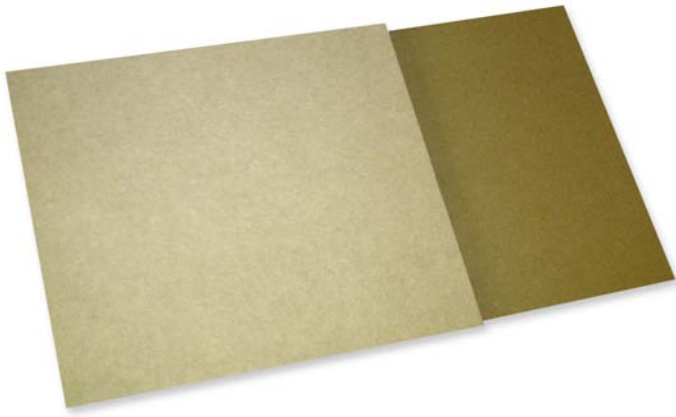


WARMUP® DUAL OVERLAY (WDO)

(See Warmup® Insulated Underlay on the reverse)



Product Specification:

Size	1200mm x 600mm
Thickness	Top board : 4mm Base Board: 3mm
Composition	MDF, fitted with an interactive adhesive
Density (kg/m³)	770
Bending Strength kg/cm²	>40
Humidity (%)	4-10
Thermal R_m value [m².K.W.⁻¹]	0.07
Fire Class, DIN4102	B2

Warmup® Dual Overlay is a free-floating system designed for use over the Warmup® foil heating system. It provides a smooth and seamless subfloor making it suitable for soft and resilient floor coverings such as carpet, vinyl and linoleum. Installation is quick, clean and dry making it an easier option for installers as there is no need for self levelling. The low heat resistance allows heat to pass through the floor finish without any reduction to the efficiency, evenly distributing the heat and alleviating any hot spots.

Warmup® Dual Overlay consists of a base board and a top board. Both boards are provided with a contact adhesive, bonding them together to make one solid subfloor, to which a variety of floor coverings may be fixed.

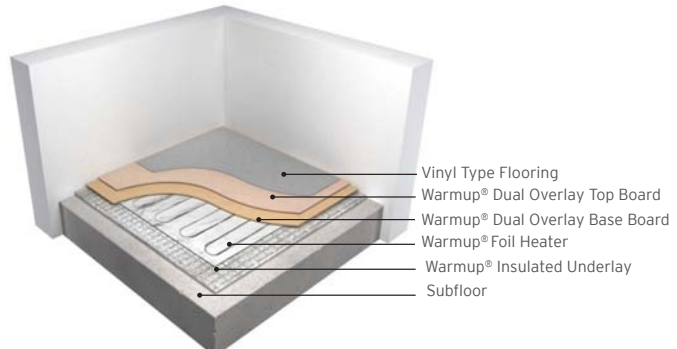
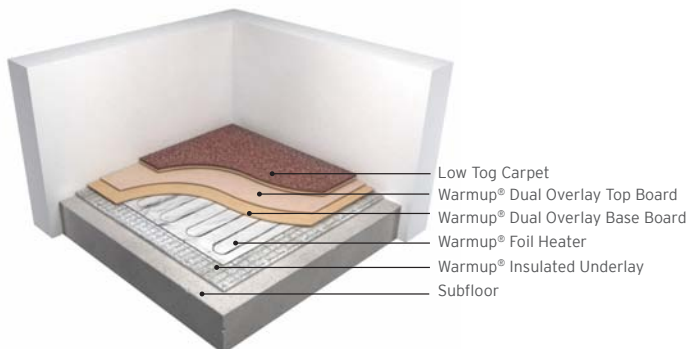
Features and Benefits:

- Provides a stable subfloor on which a variety of floor coverings can be laid.
- Protects electric heating wire from damage if flooring is not laid immediately.
- Very thin at only 7mm in depth.
- Easy to install.
- Recommended to be used in combination with Warmup® Insulated Underlay for best results under carpet and resilient floors such as vinyl and linoleum.
- Provides even heat distribution.

Contents: 4 base boards & 4 top boards, covers 2.88m² flooring such as vinyl and linoleum.

Price: £66.66/pack + VAT (covers 2.88m²) **Code:** WDO

Floor Sections:



Suitable for use with:



Warmup® Foil Heating Systems:

A streamlined electric radiant floor heating system designed for use with carpet, vinyl, laminate, engineered wood and other floating floors.



Warmup® 3iE™ Energy Monitor Thermostat:

New digital programmable 3iE™ Energy Monitor Thermostat available in Piano Black and Classic Cream.

WARMUP® INSULATED UNDERLAY (WIU)

(See Warmup® Dual Overlay on the reverse)



Product Specification:

Size	Width - 1200mm Coverage/Pack - 2.5sqm, 5.0sqm, 10sqm, 25sqm
Thickness	6mm
Composition	Top Layer: Grooved polystyrene Bottom layer: Silver foil with adhesive overlap
R_m Value	0.19
Contact Sound Reduction.*	25dB ΔL_w when used in conjunction with Warmup® Dual Overlay

* In case of floating substrate systems the sound reduction of the finished floor covering will always depend on the impact sound reduction of the existing substrate.

Warmup® Insulated Underlay is a thin insulation barrier that reflects heat upwards, making the underfloor heating system more efficient and effective. It also reduces contact noise. The foil backing acts as an effective moisture barrier.

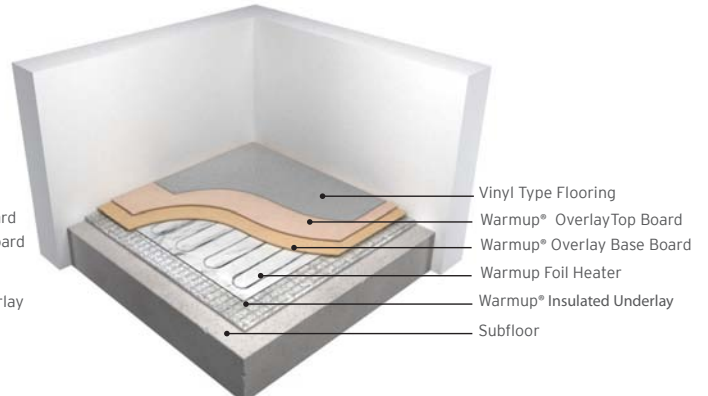
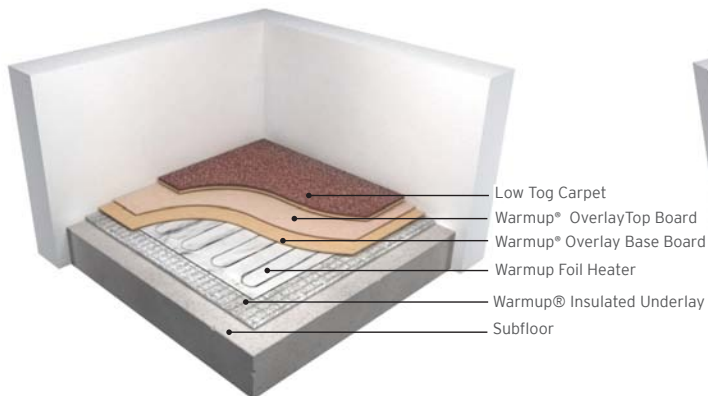
Warmup® Insulated Underlay has been specially developed for installation under Warmup® Dual Overlay (see illustration below) as part of a complete stable overlay system. It is the ideal duo for installation of soft and resilient floor coverings such as carpet, vinyl and linoleum, in combination with the Warmup® foil heater. Thanks to the structural integrity and design of the Warmup® Insulated Underlay, a heat resistance of as much as 0.19 (R_m value) is achieved.

Features and Benefits:

- Resists heat loss and increases the efficiency of the underfloor heating system.
- Extremely effective in reducing contact noise.
- Very thin at only 6mm in depth.
- Lightweight and easy to install.
- Foil backing acts as a moisture barrier.
- Recommended for use in combination with Warmup® Dual Overlay, for best results under carpet and resilient flooring such as vinyl and linoleum.

Price: 2.5sqm pack - £24.98 + VAT **Code:** WIU2.5
 5.0sqm pack - £47.49 + VAT **Code:** WIU5.0
 10sqm pack - £91.66 + VAT **Code:** WIU10.0
 25sqm pack - £216.66 + VAT **Code:** WIU25.0

Floor Sections:



Suitable for use with:



Warmup® Foil Heating Systems:

A streamlined electric radiant floor heating system designed for use with carpet, vinyl, laminate, engineered wood and other floating floors.



Warmup® 3iE™ Energy Monitor Thermostat:

New digital programmable 3iE™ Energy Monitor Thermostat available in Piano Black and Classic Cream.