



Warmup Insulated Underlay

Improved energy efficiency

Insulates and reduces heat loss making the heating system more energy efficient.

Variety of floor finishes

For use under floating wood and laminate flooring or when installed in conjunction with Warmup Dual Overlay, carpet, LVT, linoleum and vinyl flooring.

Essential heat resistance

Warmup Insulated Underlay has a 1.7 tog rating. Essential when fitted with the Foil Heater.

Quick and easy installation

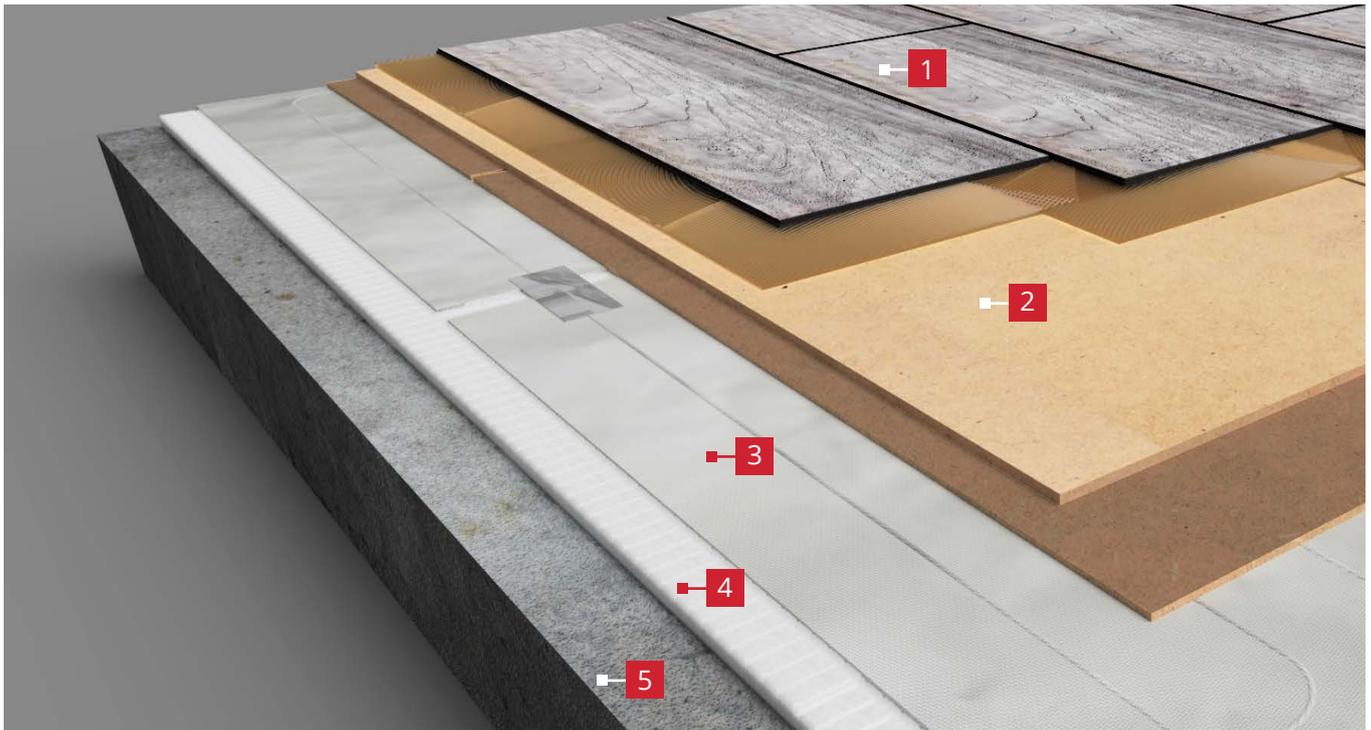
Using the self-adhesive strip, quickly and easily stick down and overlap sections of the Insulated Underlay to create an effective moisture barrier.

Overview

Warmup Insulated Underlay is a 6 mm ribbed EPS foam insulation with (silver) polyethelene foil backing. Designed specifically for use under the Warmup Foil heating system, it is installed between the subfloor and the Foil heater, reducing heat loss downwards, making the system making the system more energy efficient.

Installation is quick, clean and dry, making it an easier option for installers. With the foil acting as a moisture barrier, it is installed foil side down, the protective film from the self-adhesive strip is removed and the underlay is stuck to the subfloor. The next section of underlay is then laid with self-adhesive strip overlapping the foil.

Typical Floor Build-Up



- 1 Floor Finish**
Compatible floor finishes such as carpet, LVT, linoleum and vinyl flooring

- 2 Warmup Dual Overlay***
Not suitable for wet areas such as bathrooms or for tile, glued or nailed wood floor finishes

- 3 Warmup Foil Heater**

- 4 Warmup Insulated Underlay**

- 5 Pre-insulated Subfloor with a surface regularity of SR1**

* Not required when installing some floating wood or laminate floor finishes

Technical Specifications

| | | | |
|-----------------------------------|---|---|------------------------|
| Product Code | WIU (Warmup Insulated Underlay) | Water Vapour Diffusion Resistance (SD) | > 100 |
| Size | Width - 1200 mm Coverage/Pack - 2.5 m ² , 5.0 m ² , 10 m ² , 25 m ² | Temperature Range | -30 °C up to +70 °C |
| Thickness | 6 mm +/- 0.5 | Compressive Strength (kPa) | 43 |
| Composition | Top Layer: Ribbed EPS Bottom Layer: (silver) polyethelene foil backing | Thermal Conductivity (W/m.K) | 0.033 |
| Density (kg/m³) | 18 | tog | 1.7 |
| Impact Sound Reduction | 21dB ΔLw * | Thermal Resistance (m².K/W) | 0.17 |
| | | Fire Class EN 13501 | B _{fl-s1} |

* Impact sound reduction on concrete floor (according to ISO 10140-3 2010) in combination with electric underfloor heating with Dual Overlay + LVT

Contact

Warmup plc

www.warmup.co.uk T: 0345 345 2288
uk@warmup.com F: 0345 345 2299

Warmup plc ■ 704 Tudor Estate ■ Abbey Road ■ London ■ NW10 7UW ■ UK

Warmup GmbH ■ Ottostraße 3 ■ 27793 Wildeshausen ■ DE