warmset®
AUSTRALIA & NEW ZEALAND

# The Efficiency of Hydronic at the Speed of Electric.



Advanced Underfloor Heating Technology
for Australian Homes & Builds

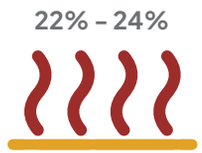
# A new standard in efficiency, comfort, and safety

## Far Infrared Heating

Warmset's heating band delivers powerful Far Infrared (FIR) warmth from the ground up. Far-infrared energy is absorbed by the body and transferred deeper through the tissues as heat, creating a gentle, penetrating warmth. The floor, then, acts as a giant radiating surface.

## Patented Technology & Design

Since 2010, Italian engineering and advanced thermal science have come together at our factory in Northern Italy to create our patented laminated heating products that are exported globally.




## Large Active Heat Radiating Surface

Warmset's wider ribbons and closer spacing create a much larger active surface than cable and hydronic systems, allowing heat to be distributed across a greater area. For every square metre of heating mat, 22–24% of the Warmset surface actively radiates heat, compared to 3–6% for electric cable systems and approximately 10% for hydronic pipework.




## Low Wattage, Low Operating Temperatures

Warmset's broad radiant surface allows the system to operate at lower temperatures while delivering whole-home comfort at wattages comparable with hydronic floor heating. In many residential and commercial applications, Warmset can operate at just 65–100 W/m².

## No pipes. No boilers. No mess.

Warmset is quick and straightforward to install, without the major mechanical work required by hydronic systems. Our mats require minimal floor build-up, with no boilers, pumps, manifolds, or central plant taking up valuable space, reducing installation time, coordination and disruption on site.

## Certified ZERO EMF

Warmset is independently certified ZERO EMF by Nemko, providing reassurance for bedrooms, living spaces and whole-home heating.

## Smart Zoning

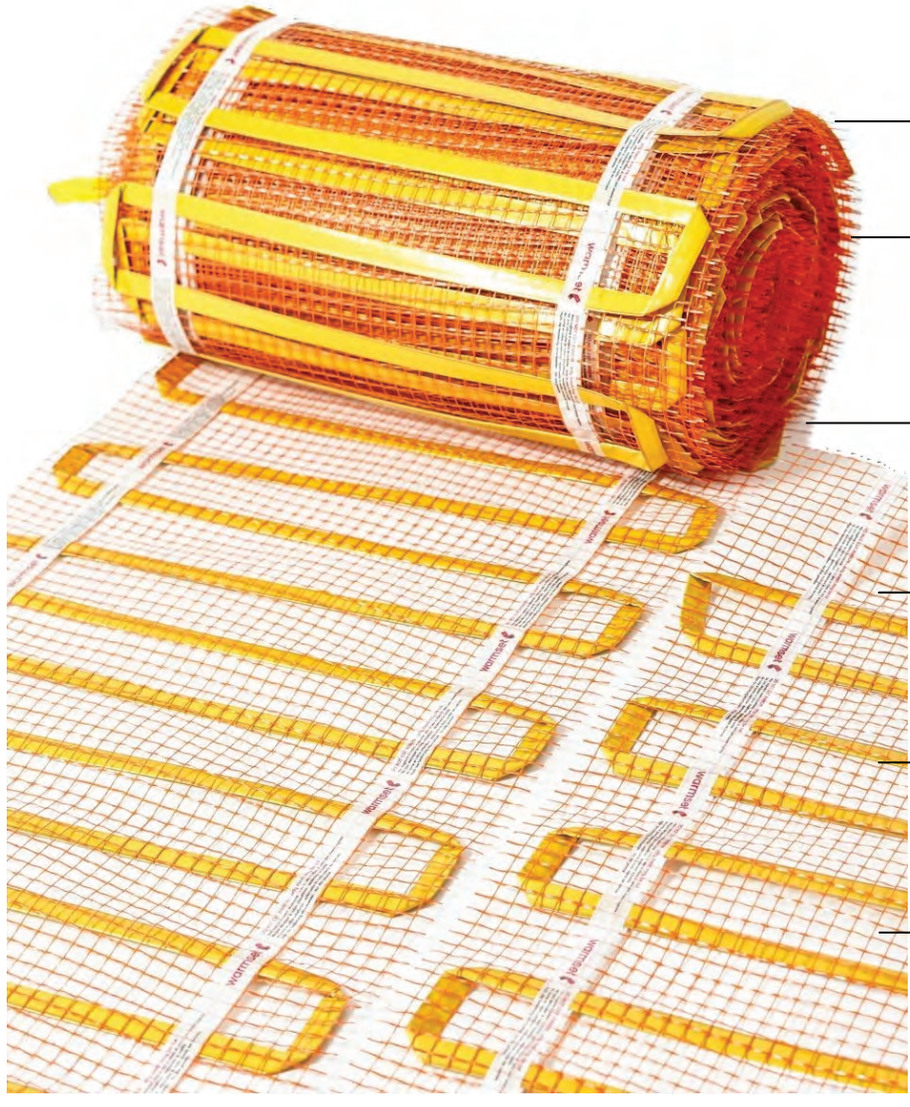



Warmset responds quickly, while independent smart thermostats allow each room to operate only when needed. Program every zone by day and time to suit your lifestyle. Dual room and floor sensors provide precise temperature control, helping protect even the most delicate floor finishes.

## 100% Made in Italy

Designed and manufactured in our solar-powered, ISO 9001–certified factory in Vicenza. Every mat is 100% recyclable and individually tested and tagged prior to shipping, providing confidence and traceability.

# Redefining Underfloor Heating



- 17 mm wide, 3 - 5mm thin heating ribbon
- Fibreglass Mesh or Aluminium Foil, based on application type
- Any custom wattage from 35 to 800 W/m²
- Available in an extensive range of mat sizes, from 2 to 60 linear metres
- Stocked in Adelaide and Melbourne
- Choose between lifetime or 15–year warranty based on your budget

# Redefining Underfloor Heating




Only 30 - 80 mm spacing between ribbon runs

Active heating radiating surface of 22 - 24% per m² of mat

11 laminated layers of highly conductive and protective materials for mechanical strength

High FIR thermal performance

Heating ribbon operating temperature between 22–26°C (never exceeding 35°C)

# Your Project, Supported at Every Stage

From a single room to a whole home or large commercial installation, Warmset provides a coordinated pathway from initial quotation through to final handover. Supported by Australian stock, local technical expertise and our exclusive state representatives.

**Enquiry**

Share your plans, we assess the project and recommend the right solution.

**Quote**

A clear, project-specific quotation covering the heating system, controls, delivery and installation.

**Technical Design**

We develop the heating layout and zoning, calculate electrical loads and define site requirements.

**Delivery & Install**

We schedule delivery and, where required, coordinate installation with your electrician and flooring trades.

**Local Support**

Local stock, warranty, and technical assistance are always available through our local teams.

# Recent Projects



## ET200 | East Terrace 200, Adelaide, SA

- 33 premium apartments
- all wet areas
- in-screed application



## St Dominic's Parish Church | Camberwell, VIC

- 270 m² new laminate flooring
- 170 m² underfloor heating
- floating application

# Recent Projects



## Private residence | Avoca Beach, NSW

- 300 m² underfloor heating
- floating, in-screed and self-leveller

applications combining three different types of flooring



## Comma | Cremorne, VIC

- hammam area
- reinforced mat
- in-screed application

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To discuss a project or learn more about our work with architects and builders across Australia, continue the conversation with your local Warmset representative or contact us directly.

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