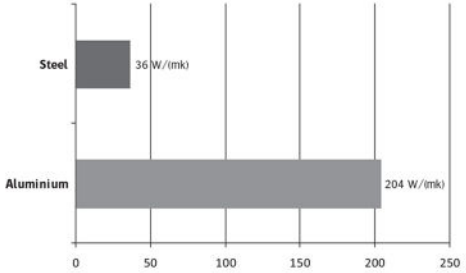
UnderfloorHeating
Spreader Plates

Made in the UK
The manufacturer site is committed to best practices and externally certified to be compliant with four major internationally recognised standards:
- **ISO 14001 for Environmental Management**
- **ISO 9001 for Quality Management**
- **OHSAS for Health and Safety Management**
- **ISO 50001 for Energy Management**

ThermoConduct plates are designed for use in suspended floors or heating walls and can be easily fitted on top of the wooden joists. The heating pipe is quickly laid within the integral grooves of the plate. The groove design ensures a good contact between the tubing and the plate, thus assuring an efficient heat transfer.

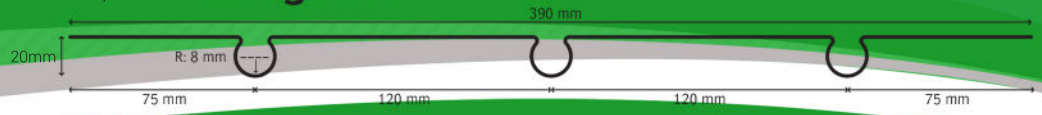


Sustainable Solution from a technical, economical and environmental perspective.
ThermoConduct are produced from high quality hardened aluminium, which has been proven to be the best choice for underfloor constructions. Using best-in-class heat spreader plates allow the use of high-efficiency boilers and heat pumps with lower water circulation temperatures.

Low heat emission losses.
Aluminium also offers a first-grade emissivity coefficient, resulting in a low energy debit through IR heat radiation. This results in low heat loss in directions or spaces, the heat is not required.

UnderfloorHeating Spreader Plates **Omega**

UnderfloorHeating Spreader Plates **Omega Pro**



	Omega	Omega Pro
Tube channels	2 channels	3 channels
Profile	Restricted omega profile to grip the pipe	Restricted omega profile to grip the pipe
Pipe diameter	16 mm	16 mm
Length	1000 mm	1000 mm
Width	390 mm	390 mm
Thickness	0.45 mm	0.45 mm
Units	40 pieces per box	40 pieces per box

*Calculations based on:
- Thermal conductivity: aluminium 204 W.m-1.K-1
  steel 36 W.m-1.K-1
- Emissivity coefficient: aluminium commercial sheet: 0.09 e
  galvanised steel new: 0.23 e
  galvanised steel old: 0.88 e
- Density: aluminium 2.70 ton/m^3
  galvanised steel 7.85 ton/m^3

Improved thermal balance in renovations
ThermoConduct heat spreader plates perfectly meet the popular and still growing shift towards low-energy homes. Especially for renovations and improvements in the thermal balance of an esisting infrastructure, heat spreader plates offer important benefits.

ThermoConduct heat spreader plates can be easily mounted onto the present joists, of floors and walls, which makes the installation quick and cost-efficient. Heating tubes are sunk into the plates' grooves below the floor surface, ensuring a firm contact between pipe and plate. This setup enables constructions with only a small increase of the present floor height.