

Kam floor system



Made in
Greece

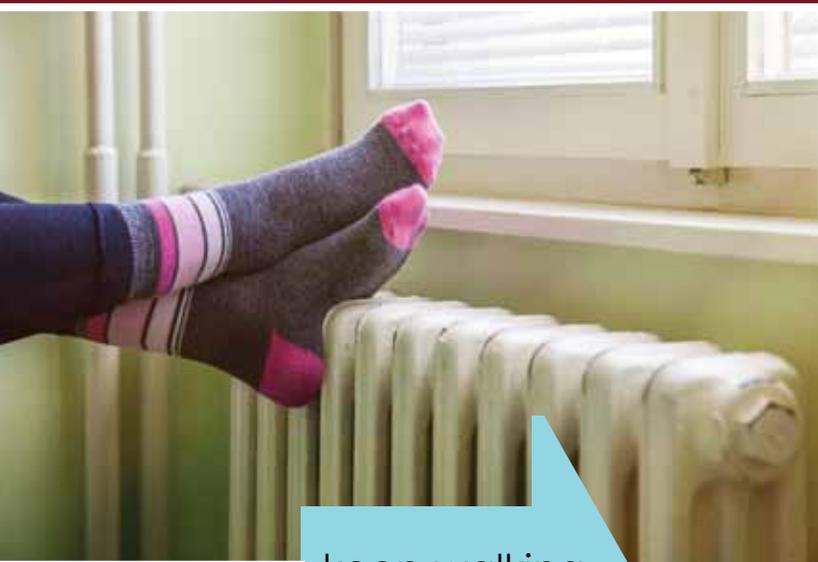
Underfloor heating thin screed and dry system

Kamfloor

Kamfloor... this is the future of heating

Kamfloor system is an innovative insulated concrete panel for underfloor dry construction based on high density and high conductivity concrete.

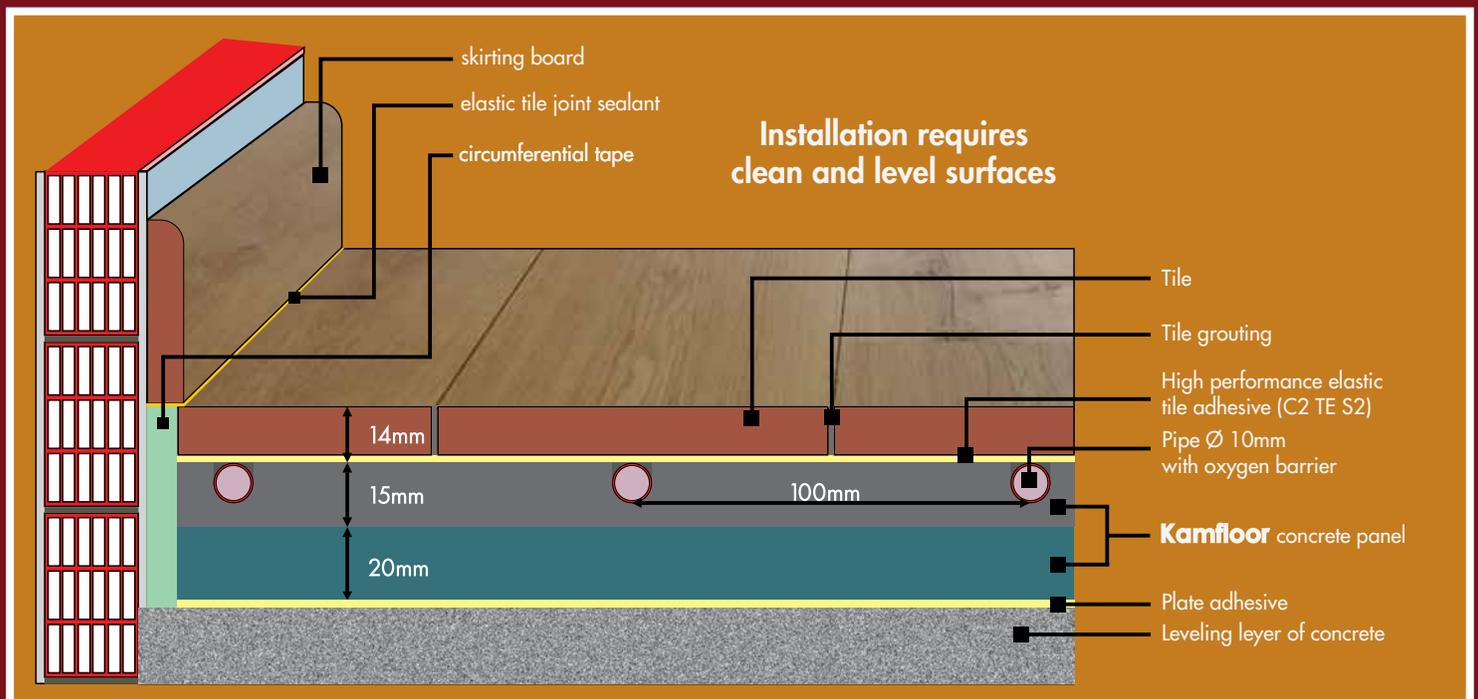
The purpose of the system is to provide economy, safety, thermal efficiency and a better life quality.



keep walking...

...on a warm surface

Kamfloor
system

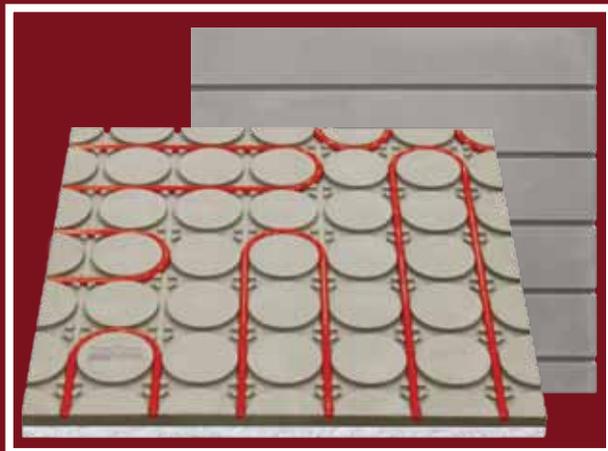


Basic features of the Kamfloor system

Rapid heat transmission



Low height 35mm
including insulation



Resistant under high pressures



Floor laying completed in a short
time from the start of work



Kam floor
system

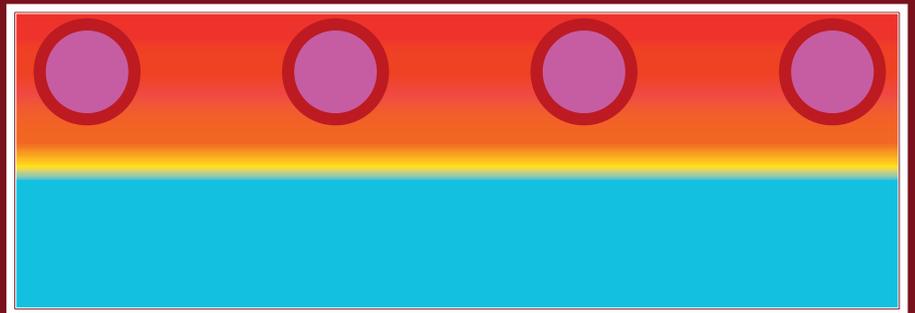
Advantages



The most important advantage of the system is the Kamfloor concrete panel which consists of high-strength cement, sand and quarry materials reinforced with polypropylene fibers, insulated with XPS insulation.

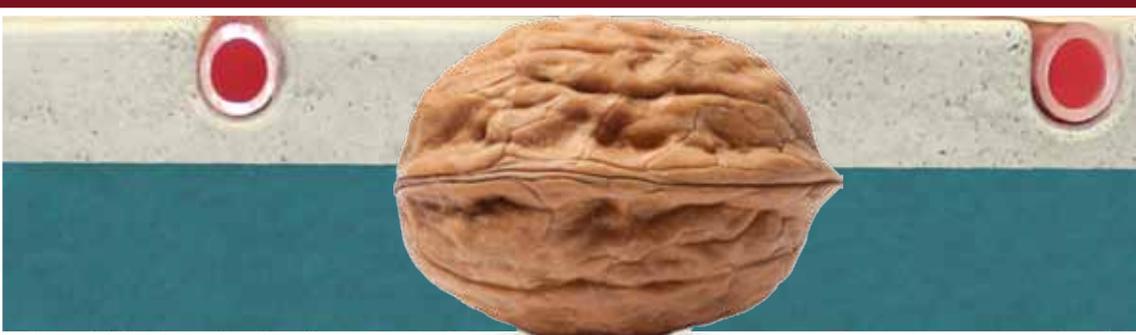
As a result, we have a product with high thermal conductivity without heat loss.

It is a system with a coefficient of thermal conductivity which does not depend on other factors, therefore giving a direct and stable heat transmission.



Gain height

with the Kamfloor system measuring 3,5 cm and 5 cm together with the ceramic tile which can be fitted in places with low ceilings.



Ideal for:

Buildings, new houses, hotels, cottages, villas,
offices, stores, renovations e.t.c.

including ON/OFF



Save space

by using the Kamfloor heating system. Design the interior of your home without bulky radiators.



Save time in heating

with the Kamfloor system by achieving direct heat transmission faster than radiators.



Less time and construction costs.

No need to lay concrete that requires days to dry.

Lower weight (approximately 30Kg/m²) than classical underfloor heating (approximately 90Kg/m²)

Save money

with huge energy savings compared to classical underfloor heating by eliminating the deadweight effect.

Combination of all energy sources:

Oil, gas, wood, pellet, heat pump, geothermal energy sources, solar heating etc.

SAVE ENERGY

SAVE MONEY

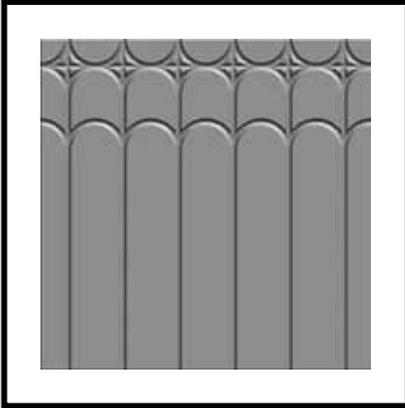
USE THE

Kam floor
system

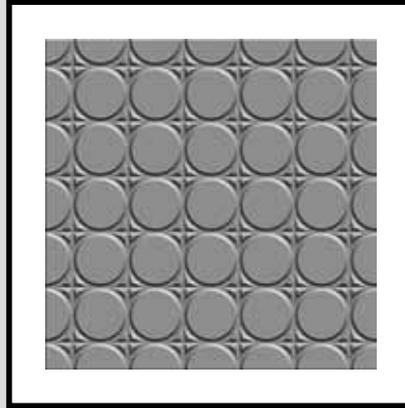
Patent Pending

Underfloor heating concrete panel 60x60cm

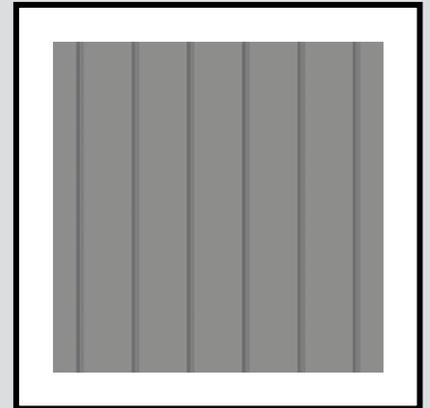
Semi-circular concrete panel



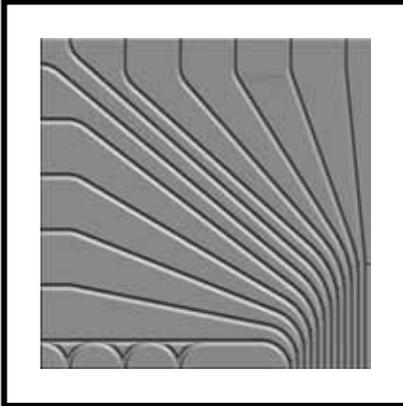
Circular concrete panel



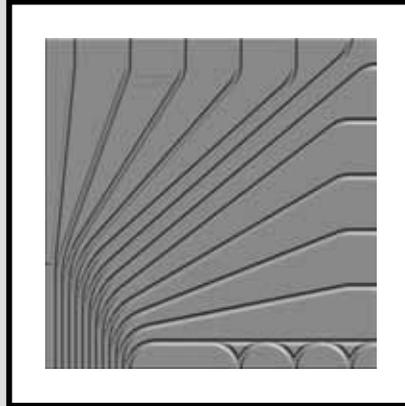
Horizontal concrete panel



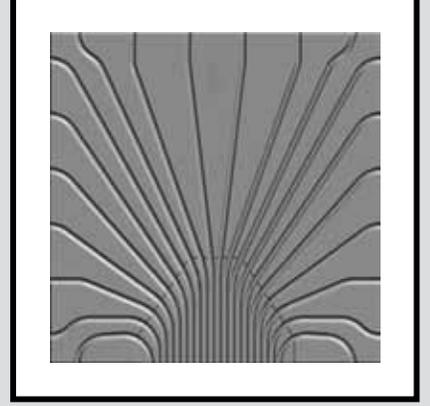
Concrete panel of six circuits left



Concrete panel of six circuits right

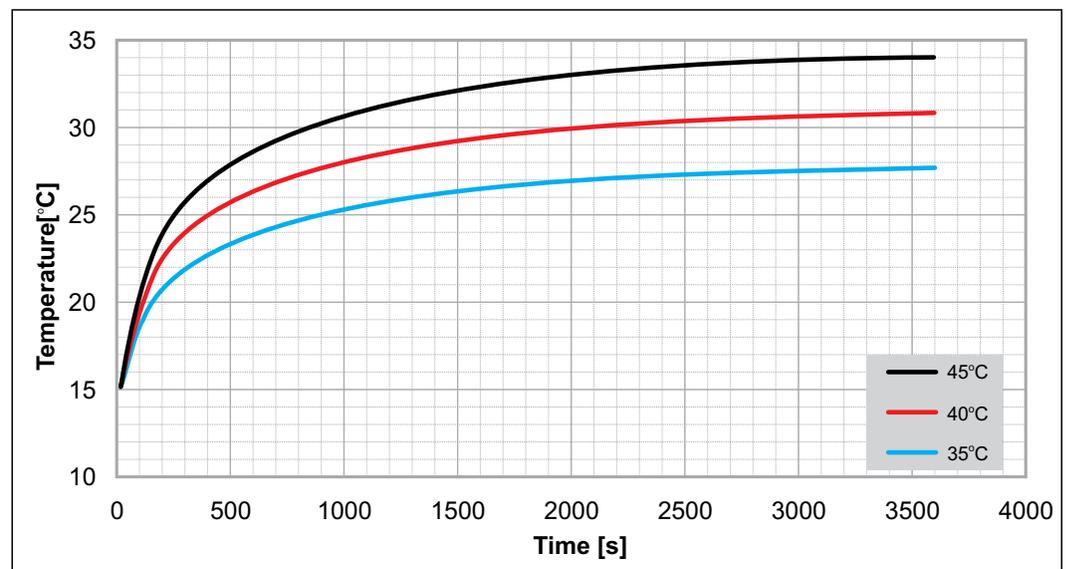


Concrete panel of ten circuits



Under Floor heating concrete panel transfer behavior

Variation of ceramic tile maximum temperature over time, for the three cases examined scenarios of inlet water temperature



The measurement of concrete panel

Kamfloor system

done by have been conducted at the Aristotle's University of Thessaloniki



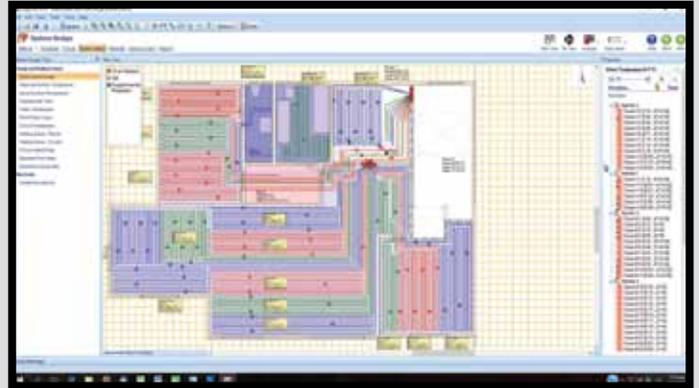
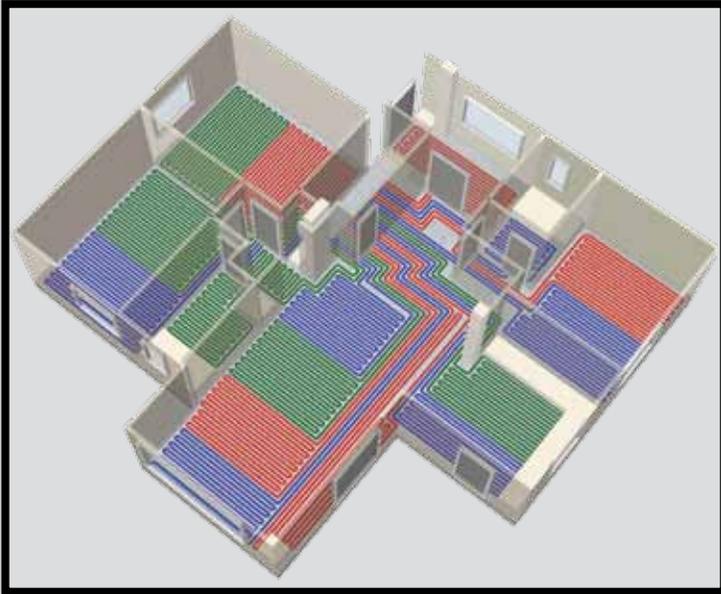
ARISTOTLE UNIVERSITY OF THESSALONIKI

Compression Strength with ceramic tile on top 5.25kN applied on a 250x250 mm (0.83MPa)

Bending Strength three-point bending at a span length of 440 mm

Horizontal concrete panel: 5.48 kN (3.4MPa) • Circular concrete panel: 5.01 kN (3.12MPa)

Study and design with 3D display



Simple and easy installation of Kamfloor underfloor heating system

installation:

Preparation and floor cleaning



Installation of circumferential tape and concrete panel



Pipe installation and sealing control using high pressure



Tiling (or Laminate, wooden floor, marble floor, granite floor, moquette etc.) the next day





The first recorded underfloor heating was in 1900 B.C.
In the royal rooms of Knossos Palace, Crete, there were under-floor pipes through which flowed hot water that heated the rooms. The ancient city was excavated by Sir Arthur Evans in 1900 A.D..

The **Kamfloor** system is produced in Greece. **It is a matter of honour!!!**

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