

ResoThermXPS® 500



Product Information & Technical Data Sheet

Resonate ResoThermXPS® are our highest compressive strength underfloor heating insulation boards. The CNC grooved channels for UFH pipes are machined in house, allowing these grooves to be routed at 100mm, 120mm, 150mm and 200mm centres.

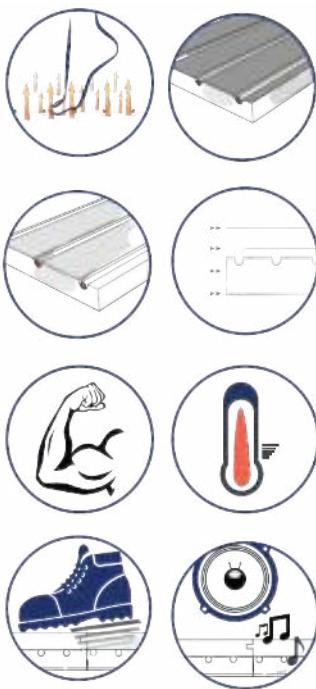
A foil-faced version of the boards is also available, offering excellent heat transfer.

Strong, Efficient Underfloor Heating

ResoThermXPS® insulation boards provide extremely high compressive strength, with 500kPa offered as standard.

These high performance under floor heating panels are ideal for new build and refurbishment projects, and are ideal for all types of developments including offsite, residential and commercial applications.

Key Benefits



High thermal performance, with an option of foil facing

Suitable for all types of 10mm / 12mm / 16mm UFH pipes. Multiple thickness' available

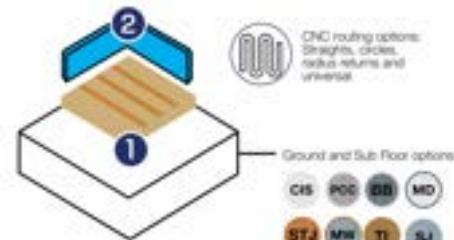
Ultra high compressive strength and high heat transfer

Can be used as part of an acoustic system on separating floors



System Components

1. Resonate ResoThermXPS®
2. ResoThermEdge flanking strip



CNC routing options:
Straight, circles, radius returns and
universal

Ground and Sub Floor options:



*Underfloor heating pipes supplied separately.

Dimensions

Widths Available	600mm
Lengths Available	1200mm
Thickness' Available	20mm, 25mm
Dimensional Tolerances	(+/-1mm)
Compressive Strength	500kPa
Thermal Conductivity	0.034 W/mK
Moisture Absorption	<0.7% (EN 12087)
Reaction to Fire	Euroclass E (EN 13501-1)

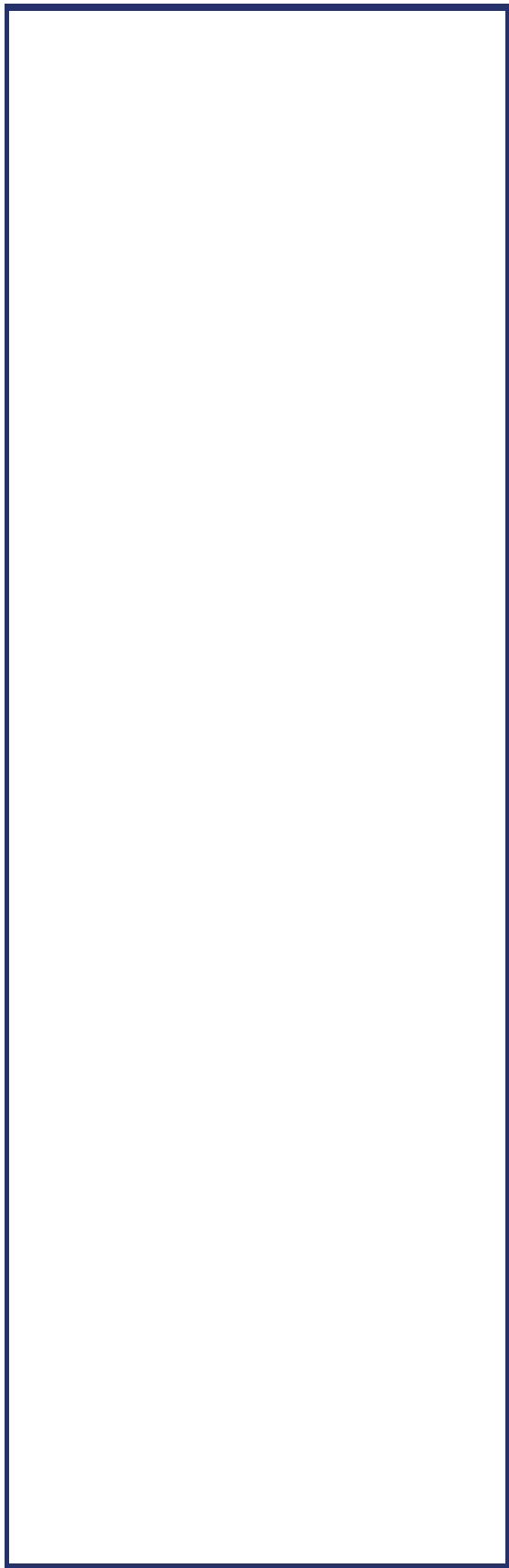
ResoEdge L30

ResoBar

GYPDECK® 18

ResoFleece

ResoTherm Edge



Airborne Sound Performance DnT,w + Ctr	50dB
Impact Sound Performance LnT,W	47dB



Airborne Sound Performance DnT,w + Ctr	51dB
Impact Sound Performance LnT,W	47dB
Impact Noise Improvement ΔLw	22dB

ResoTherm XPS® 300

ResoTherm XPS® 500



[ResoWall](#)

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