

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.

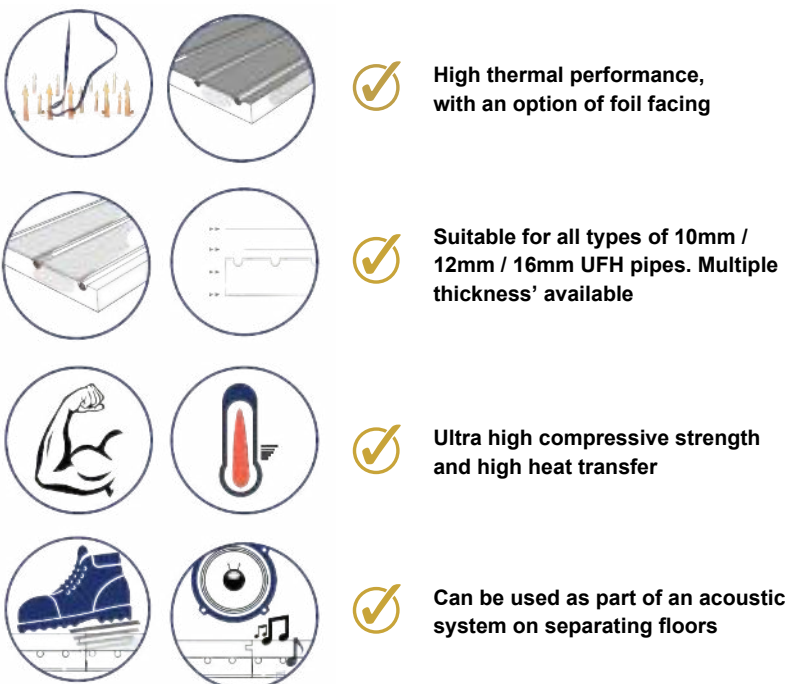
A foil-faced version of the boards is also available, offering excellent heat transfer.

Strong, Efficient Underfloor Heating

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

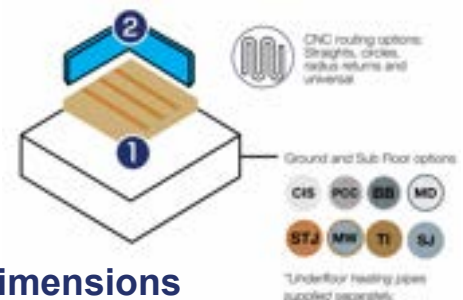
These high performance under floor heating panels are ideal for new build and refurbishment projects, and are ideal for all types of developments including offsite, residential and commercial applications.

Key Benefits



System Components

1. Resonate ResoThermXPS®
2. ResoThermEdge flanking strip



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)

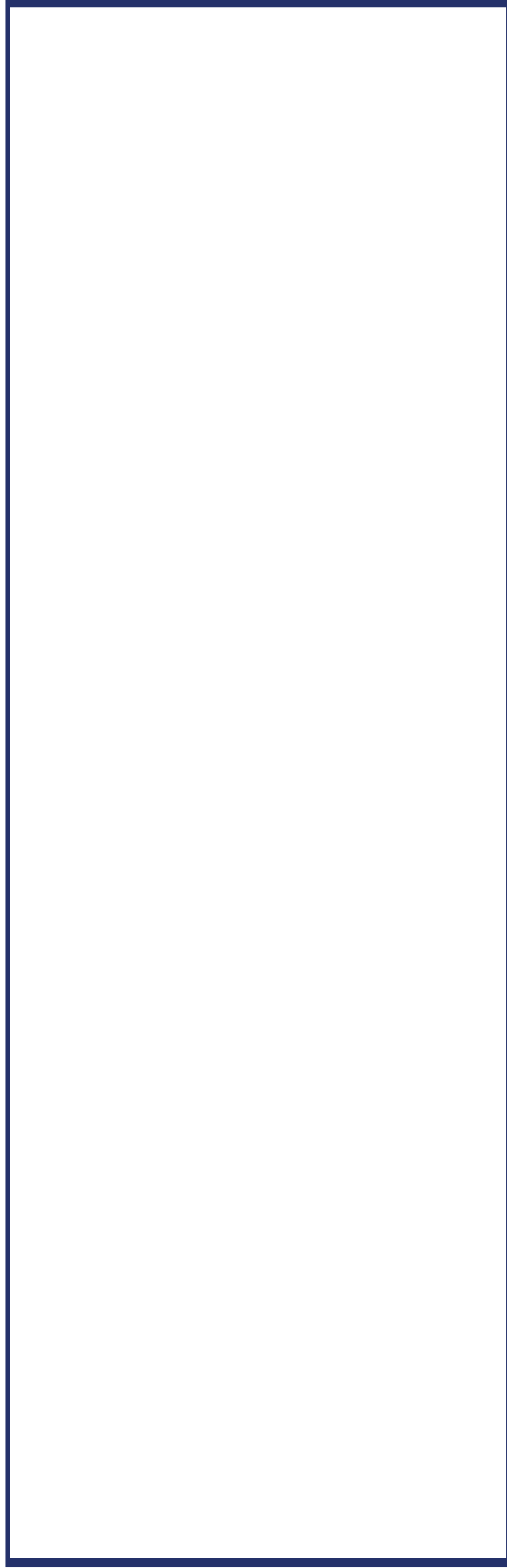
ResoEdge *L30*

ResoBar

GYPDECK® 18

ResoFleece

ResoThermEdge



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 ΔL_w	22dB

ResoThermXPS® 300

ResoThermXPS® 500

ResoWall

ResoEdge

HEATDECK

ResoTherm

GYPDECK

ResoDeck

ResoDeck

ResoFoam

ResoRubber

ResoWall

ResoEdge

HEATDECK

