

ResoThermchip®dB



Product Information & Technical Data Sheet

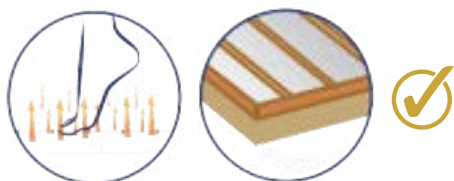
Resonate's ResoThermchip®dB is a CNC grooved 22mm chipboard system, with the option of bonded aluminium foiling facing. The high performance boards are available in 1200mm and 2400mm lengths, and are bonded to a layer of 8mm ResoRubber (recycled crumb rubber resilient layer) to help attenuate impact noise (footfall) vibrations passing to the floor below.

Cost Effective Underfloor Heating

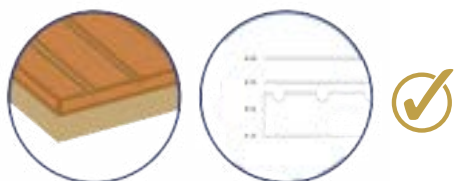
ResoThermchip®dB boards provide extremely efficient and high performance underfloor heating for building occupants and are ideal for all types of development including residential and commercial.

Underfloor heating pipes are laid inside the ResoThermchip®dB panels, and able to retain heat efficiently and effectively. The boards should be overlaid with a 6mm plywood layer after installing the UFH pipework.

Key Benefits



ResoRubber resilient layer provides effective impact noise reduction.




Suitable for all types of 10mm, 12mm UFH pipes



Good heat outputs - UFH pipes are closer to surface finish than traditional FFB (fit from below) installation

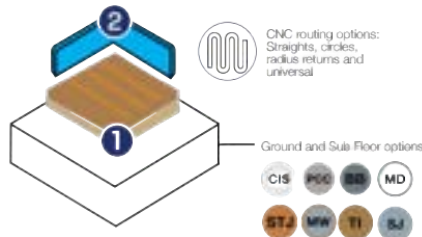


Can be used on a acoustic system on separating floors



System Components

1. Resonate ResoThermchip®dB floor panel*
2. ResoThermEdge flanking strip



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

Ground and Sub Floor options: CIS, PCC, BS, MD, STA, MW, TI, SJ

*Underfloor heating pipes supplied separately.

Dimensions

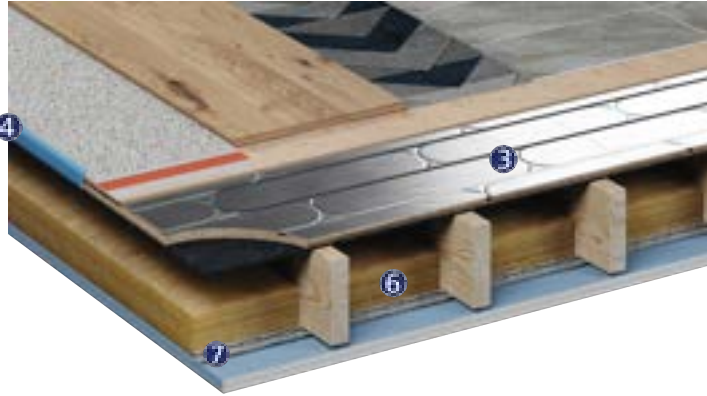
Widths Available 600mm	Lengths Available 1200mm / 2400mm
Dimensional Tolerances (+/-1mm)	Moisture Absorption 0.6%
Thickness* Available 30mm (+ 6mm Ply)	



Product Applications

Solid Timber Joisted Floor

STJ



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. ResoBACKER Cement Fibre coverboards
3. Resonate ResoThermchip® dB
4. ResoEdge L30 flanking strip
5. 200mm (min) timber floor joists
6. ResoOufit 50mm soundproofing wool
7. 30mm ResoBar resilient bars
8. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	48dB
Impact Sound Performance LnT,W	59dB

