

PhonoDeck® Tri35s

Product Datasheet

PhonoDeck® Tri35s boards are a ‘Direct to Joist’ acoustic floating floor solution offering high performance impact and airborne noise reduction. They are a **structural** acoustic flooring board, ideal for refurbishments projects and can be laid directly on top of joists and designed to keep the finished floor height to a minimum.

PhonoDeck® Tri35 is ideal for use in refurbishment and conversion applications where privacy and comfort are paramount. PhonoDeck® Tri35s acoustic overlay floorboard provide both an easy and convenient method to reduce airborne sound and impact noise transmission designed for overlaying directly to an existing sub-floor. These PhonoDeck® composite overlays provide optimal performance, PhonoDeck® Tri35s boards are strong and rigid, suitable for both 400mm and 600mm joist centres and ceramic tiles can be laid on top with a supporting tile underlay. Non load bearing partitions can also be built off the this floor. PhonoDeck® is suitable for use in offices, hotels, building extensions, renovations and loft conversions where there is a requirement to improve sound insulation within a property to help comply with building regulations or generally to reduce sound

Each PhonoDeck® Tri35s acoustic overlay floorboard has a composition of a tongue & groove high density timber floorboard pre-bonded to GenieMat® RST and finished with a low resonance flexible recycled reconstituted resilient foam underlayer. Complies with **Part E** of Building Regulations.

High performance, versatile acoustic floating flooring system.

Product	Airborne	Impact	Weight	Weight m2	Pallet Quantity
PhonoDeck® Tri35s 2400 x 600 x 35mm	58dB	52dB	24.3kg	16.86kg	50

Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT). Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.



PART E - PCT SOLUTION

Key Features



100% recycled resilient layer



Span over joists or battens



Superior impact noise reduction



Low profile buildup



Quick and easy to install



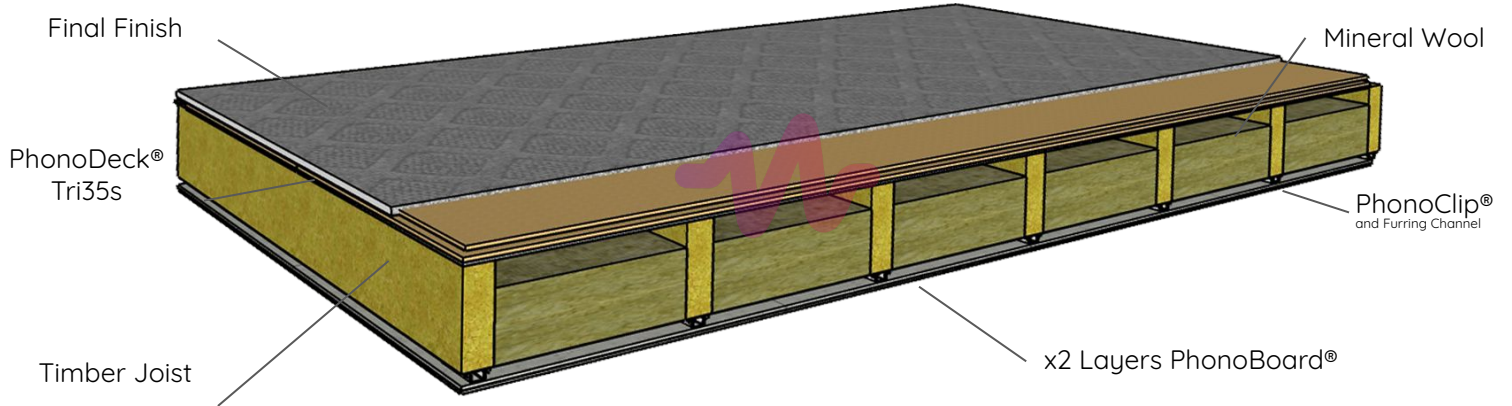
Sourced and manufactured in the UK

Acoustic Ratings For:





Timber Joist

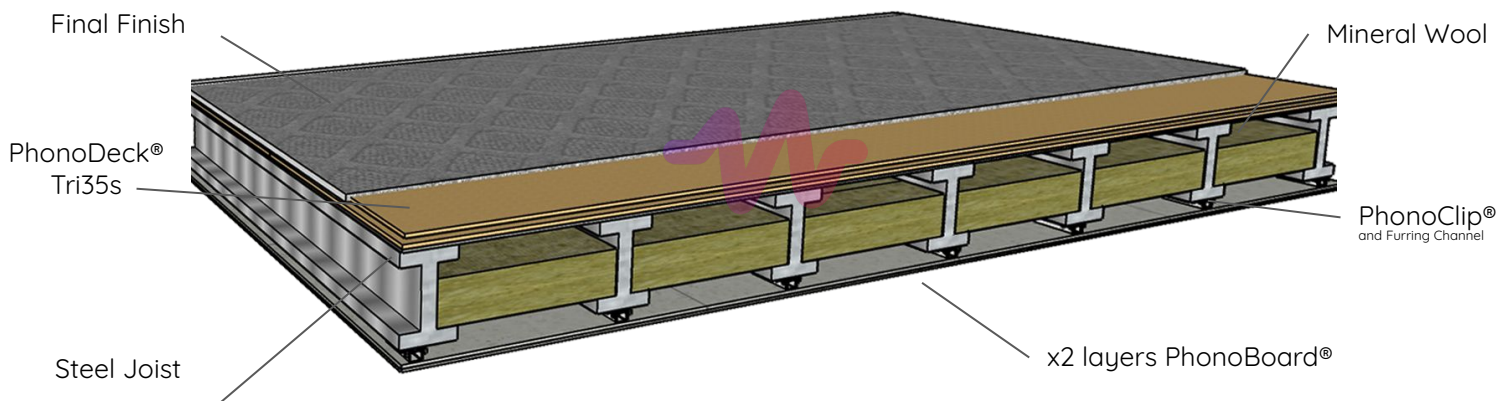


Acoustic Performance

DnT,w Weighted airborne value	DnT,w + Ctr Weighted airborne value + Ctr	LnT,w Impact sound performance	ΔLw Impact noise improvement
58dB	51dB	52dB	24dB

Results based on PhonoDeck Tri35s being laid directly onto timber joists with a suitable ceiling treatment (as shown) and all flanking paths removed. Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.

Steel Joist



Acoustic Performance

DnT,w Weighted airborne value	DnT,w + Ctr Weighted airborne value + Ctr	LnT,w Impact sound performance	ΔLw Impact noise improvement
58dB	51dB	52dB	24dB

Results based on PhonoDeck Tri35s being laid steel joist (as shown) and all flanking paths removed. Performance figures shown are for indicative purposes only. For technical advice please contact Acuphon's technical support.



Fire Performance

PhonoDeck® Tri35s will not add significantly to any existing fire hazard when properly installed.

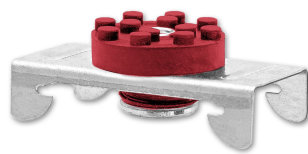
Installation Guide

1. Ensure that the work area is level and clear of all debris.
2. Use a layout plan of conventional broken bond pattern and avoid any cut panels less than 150mm. In all rooms that the panels are to be installed, the correct perimeter details should be taken into account.
3. Install the floating floor panels soft side down.
4. All tongue and groove joints need to be adhered using the PhonoBond Joint Adhesive when using:
 - PhonoDeck® 24.
 - PhonoDeck® Tri35s.
5. At No point must any mechanical fixings be used.
6. Neatly press Phono Perimeter Seal into all perimeter gaps forming an airtight seal.
7. Place 2-3mm thick packers along the top of the PhonoDeck® floating floor system, around the perimeter only where skirting board is to be installed.
8. The skirting board should be set, sitting directly on top of the packers keeping it raised 2 - 3mm above the panels.
9. Remove packers when skirting board is fixed soundly in place and add PhonoSeal Acoustic Sealant to the previously set 2 - 3mm gap.
10. When using PhonoDeck®24 floating floor system directly over joists it is **IMPORTANT** that you ensure all joist centres are of adequate spacing to support the PhonoDeck® floor. The use of joist noggins or lateral struts may be necessary to ensure all joists are stiff and firm. By doing so replaces the original joist stiffness created by the original and previously nailed floor boards.
11. PhonoJoist Strip **MUST** always be used to the top of each joist, noggin and strut before laying PhonoDeck®24 floor direct to joist. These joist strips can be stapled or adhered to the top of the joists.
12. For PhonoDeck® Tri35s structural overlay board, PhonoJoist Strips are not necessary.

You may also require:



Perimeter Strip



PhonoClip®



PhonoMat® Tape



PhonoSeal®



PhonoBond® PVA



Channel