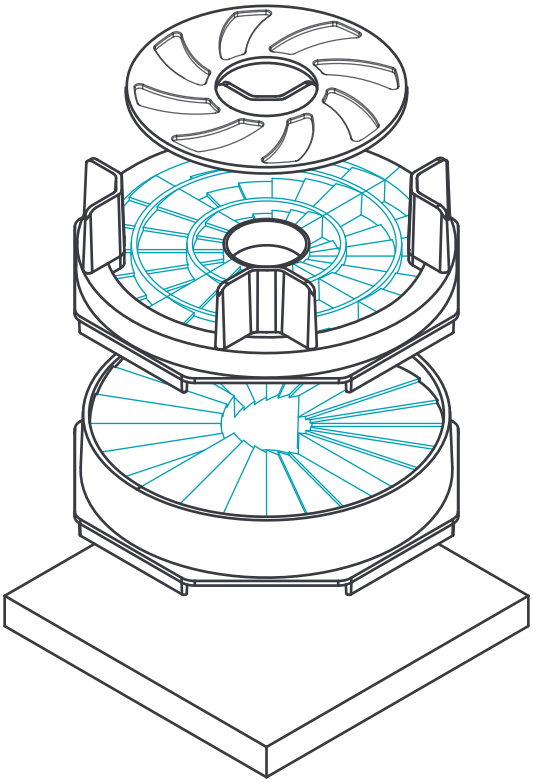
STEPLEVEL

THE ACOUSTIC FLOOR SYSTEM



a new level of height adjustment for floors

Our unique floor levelling system creates an acoustic timber floating floor, over uneven concrete and timber subfloors.

The interlocking-steps of our cradle and riser provide a new level of height adjustment over other standard systems.

Designed and tested to building regulations and soundproofing standards, the STEPLEVEL system is the most robust and resilient on the market.

Complying with **Robust Detail FFT2**, Steplevel is available for fast delivery nationwide.

features & benefits

- Simplicity itself. Quick and easy to install.
- Flexible height options, with reduced number of shims required for leveling with our unique stepped cradle and riser system.**Ultimately reducing cost!**
- Adjustable to suit a variety of surfaces and finished floor levels.
- Approved for use with Nu Heat Underfloor Heating System.
- Creates an acoustic timber floating floor system to reduce impact and airborne noise to Building Regulations Approved Part E.
- Manufactured from recycled material, reducing your carbon footprint.

acoustic performance

Compliant with Robust Detail FFT-2
UKAS Accredited Independent Laboratory Test Results

	TIMBER SUBFLOOR	CONCRETE SUBFLOOR
Airborne:	54dB DnTw + Ctr	56dB DNtw + Ctr
Impact:	50dB LnTw	42dB LnTw

flexible
quick
easy

JUST STEP IT UP!

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STEPLEVEL
THE ACOUSTIC FLOOR SYSTEM

PRODUCT SPECIFICATIONS

10 mm Acoustic Pad
Resilient recycled rubber pad
or **Closed cell foam pad**

The only contact point with the sub-floor, acoustically isolating the STEPLEVEL from the surrounding construction providing resistance to the transmission of impact sound.

20 mm Riser
Precision moulded recyclable plastic

Fitting neatly over the acoustic pad, including the Riser provides a 20mm height increment.

These can be added in multiples to solve major level differences and to create larger voids to accommodate underfloor services or insulation.

9mm Cradle
Precision moulded recyclable plastic

The Cradle interlocks with the Riser, or fits directly over the Acoustic Pad, to support timber battens up to 48mm wide (between 21 - 100mm high). The Cradle can also accept four batten ends, a useful four-way support method.

1 - 5mm The Cradle & Riser Interlocking Steps
Unique to Steplevel

Our interlocking steps provide five 1mm height increments for finer adjustments and total height flexibility. A simple turn action steps up the cradle to the required level.

2mm Packing Shims
Precision moulded recyclable plastic

2mm thick circular shims fit snugly within the cradle for an additional final height and levelling adjustment - if needed, over and above the 5mm increments.

REGULATIONS

Building Regulation Compliance
Approved Document E (England & Wales)
by Pre-Completion Testing on site.

Section 5 (Scotland) by Performance Testing on site.

SUITABILITY

FFT-2 Floating Floor Types
E-FC-1, E-FC-2 and E-FS-1

Beam & Block Floor Type
E-FC-7 (floor specification varies)

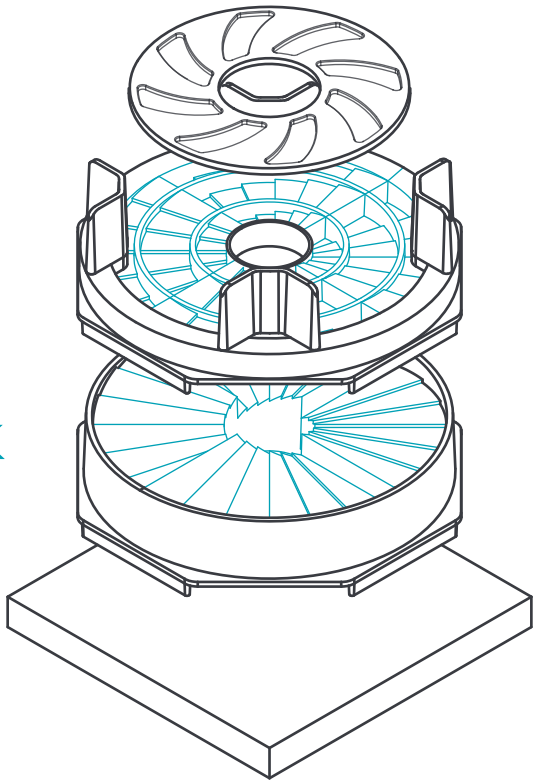
Refer to Robust Details Handbook for full specifications on floor build-ups.

4. rise
with 2mm packing shims

3. step
up to 5mm in 1mm increments

2. stack
for 20mm height increments

1. pad
with acoustic foam or rubber



RECOMMENDED SPACING's

The figures below are based on general domestic loadings i.e. complies with **BS6399-1:**

- 0.4kN.m2 dead load
- 1.5kN.m2 distributed load

CHIPBOARD FLOORING	BATTEN DIMENSIONS	CRADLE CENTRE	BATTEN CENTRE
18mm	45 x 45	600	400
18mm	21 x 45	300	400
22mm	45 x 45	600	600 max.
22mm	21 x 45	300	600 max.

All measurements in mm's

In kitchens and bathrooms beneath high loads, such as baths, toilets and kitchen sinks, then battens should be spaced at **300mm** and cradles at **400mm** centres.

At perimeters a continuous run of battens should be laid at **400mm** centres.

At door openings additional battens should be used to support the surface deck.

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