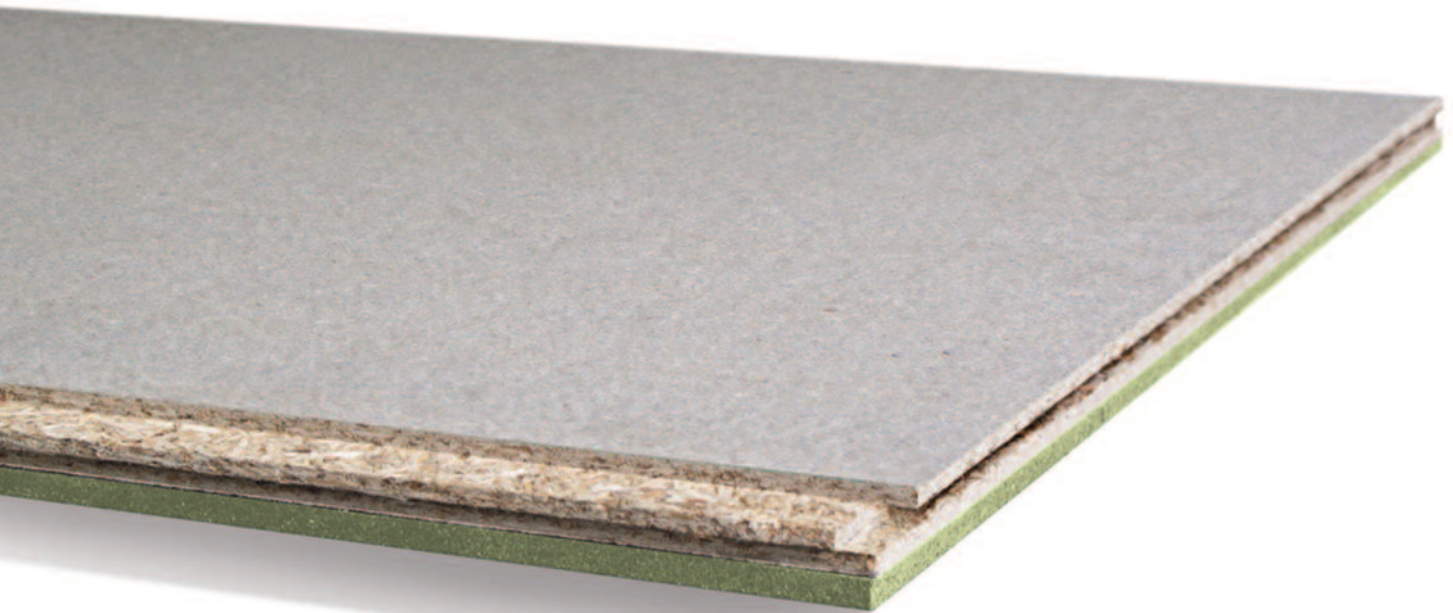


ACOUSTIC FLOATING FLOORS RANGE - PART E COMPLIANCE



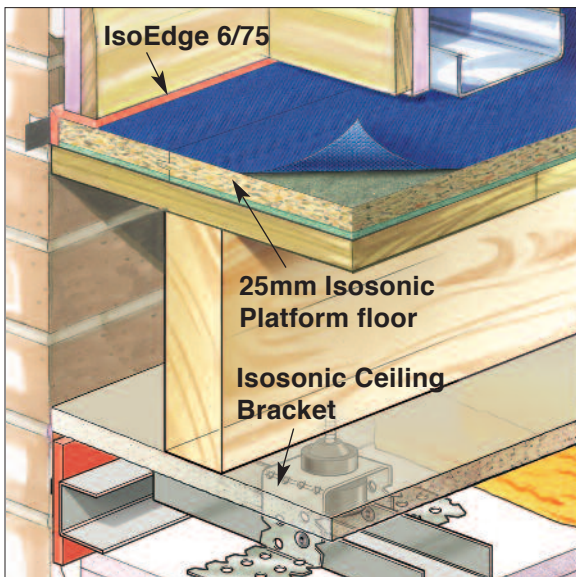
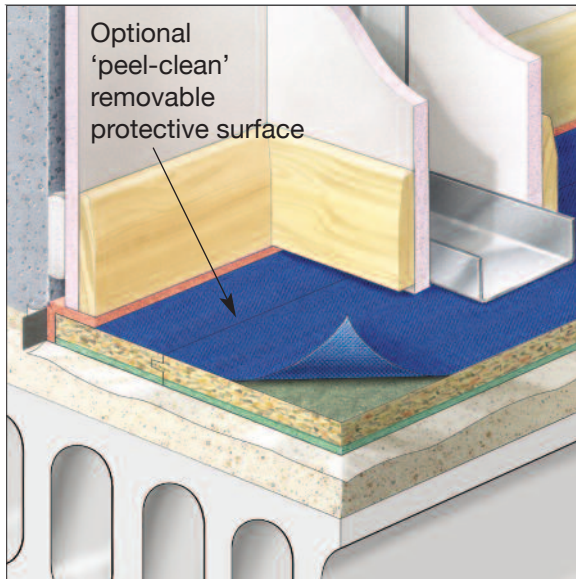
Acoustic boards for new build
and refurbishment solutions



See reverse for key of easy to follow icons

Platform Floor™

Thermal Economics
THERMAL & ACOUSTIC INSULATION TECHNOLOGY



PLATFORM FLOOR- A range of acoustic floating floors designed for achieving Part E compliance

Products: Platform Floor & IsoEdge flanking strip.

Application: Acoustic floating floors for use in newbuild and refurbishment applications.

Features:



Finishes:



- A simple T&G floating deck solution for all structural floor types.
- Suitable for new build and refurbishment applications.
- Robust Detail FFT5 compliant.
- Non-load bearing partitions can be built off of Platform Floor.
- Available with optional 'peel clean' protective layer.
- Suitable for all types of floor finish

Refurbishment site test results

The table shows typical site test results on sites with a construction of **Platform Floor 25**, 22mm Chipboard, timber joists with 100mm mineral wool between and **IsoSonic Hangers** with 2 layers of Plasterboard below.

Approved Doc Part E Refurb Test Requirements	Typical Site Test Results	Average site test improvement over Approved Doc. Part E requirements
Airborne Sound DnTw + Ctr	Airborne Sound DnTw + Ctr	Airborne Sound Rw + Ctr
Minimum Value 43dB	Average Value 49dB	Improvement 6dB
Impact Sound Ln tw	Impact Sound Ln tw	Impact Sound Ln tw
Maximum Value 64dB	Average Value 54dB	Improvement 10dB

PLATFORM FLOOR (PF) is available in 3 variants.

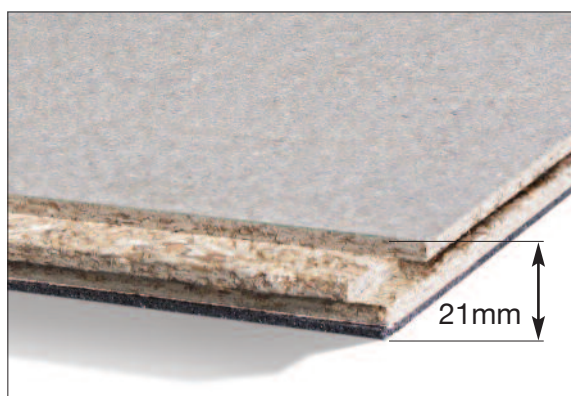
Suitable for use over structural decks including:



FFT5 compliant systems can be used in Robust Details E-FC-1, E-FC-2 and E-FS1.

For further information regarding Robust Detail compliant floating floor solutions, please refer to their web site at www.robustdetails.com

Platform Floor™

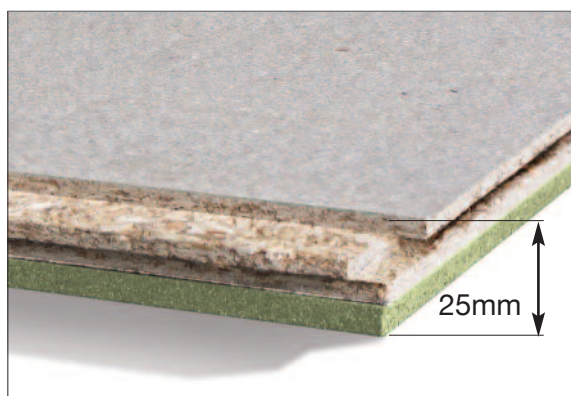


PF21

18mm P5 T&G chipboard with 3mm Isorubber bonded to the underside.

- Shallow construction depth.
- Isorubber resilient layers are dense and robust with minimal deflection under load.

	Thickness	Weight (per board)	FFT5 Compliant	Board Size
Platform Floor 21	21mm	19.89Kg	✓	2400mm x 600mm

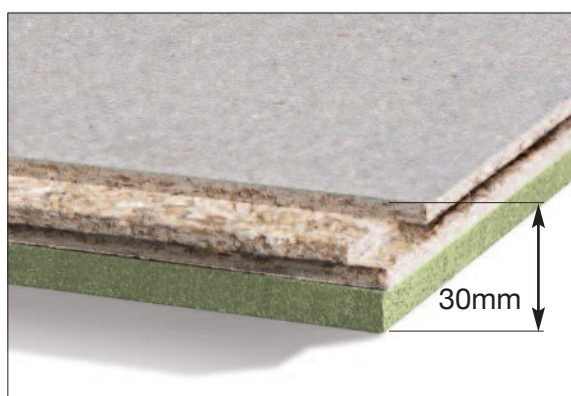


PF25

18mm P5 T&G chipboard with 7mm low compression acoustic layer bonded to the underside.

- Cost effective floating floor system.
- Suitable for all floor finishes.

	Thickness	Weight (per board)	FFT5 Compliant	Board Size
Platform Floor 25	25mm	19Kg	✓	2400mm x 600mm



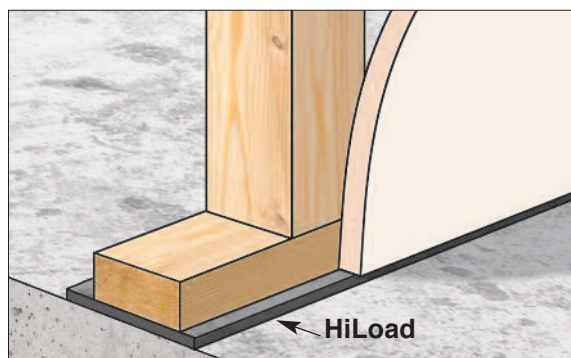
PF30

18mm P5 T&G chipboard with 12mm low compression acoustic layer bonded to the underside.

- High performance floating floor.
- Suitable for new build and refurbishment.

	Thickness	Weight (per board)	FFT5 Compliant	Board Size
Platform Floor 30	30mm	20.2Kg	✓	2400mm x 600mm

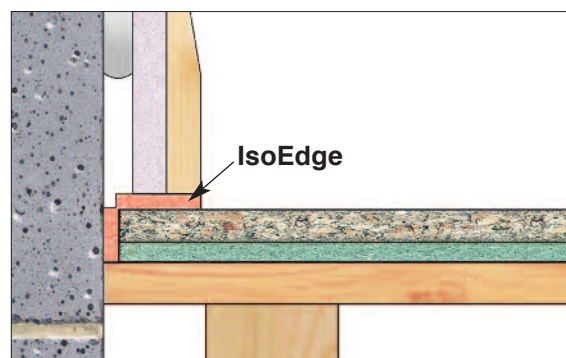
Isorubber HiLoad™



Partition isolation

Isorubber HiLoad isolates timber and metal frame partitions from the structural floor, reducing sound transfer through the structure.

IsoEdge™



Flanking Isolation

IsoEdge 6/75 flanking strip isolates **Platform Floor** from walls, plasterboard, skirting boards and service penetrations preventing sound travelling through the structure.

FEATURES KEY



BREEAM Multi-residential Credits achievable, pre-completion testing is required to claim credits.



Code for Sustainable Homes Credits achievable, pre-completion testing is required to claim credits.



Floor construction achieves Part E compliance, pre-completion testing is required.



Peel-clean removable protective surface.



Floor construction is Robust Detail compliant, no pre-completion testing is required when registered.



Floor system suitable for use with timber and metal framed wall constructions.

FLOOR SUITABILITY KEY



FLOOR FINISHES KEY



Suitable for use below all types of carpet.



Suitable for use below vinyl floor finishes.



Suitable for use below wooden floor finishes.



Suitable for use below all types of floor tile.

Thermal Economics is an insulation leader in thermal and acoustic solutions for the construction market. As specialists in this field with over 30 years of success,

we continually invest in R&D to provide innovative and high-performance solutions that remain cost effective as well as meet and exceed building regulation requirements.



Made from recycled waste rubber

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Visit our website for mobile friendly installation guides



For help choosing the right product for your project please contact Thermal Economics Technical Department on 01582 544255

For all our Acoustic & Thermal insulation products visit: www.thermal-economics.co.uk