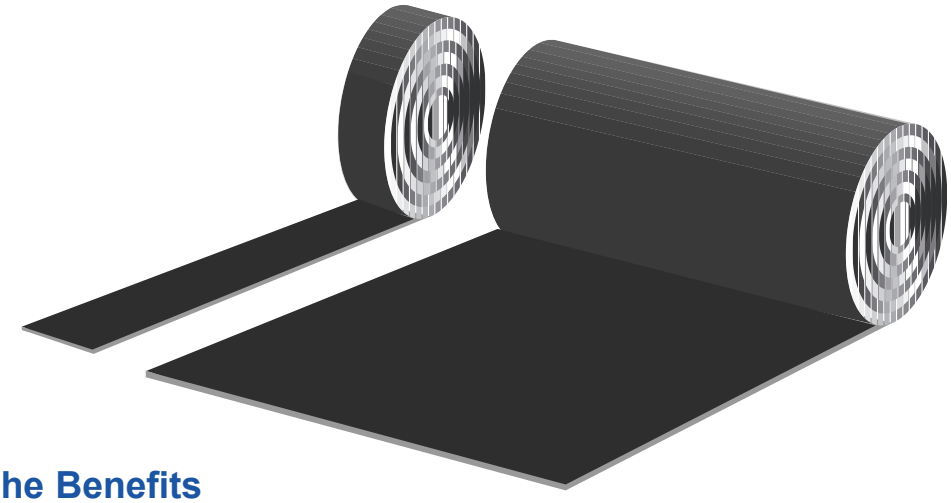
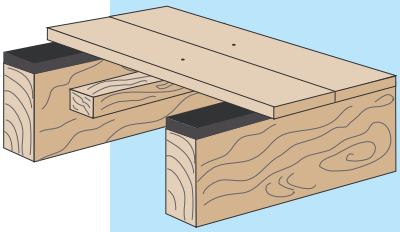
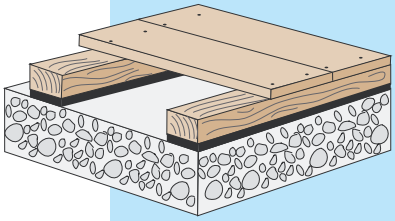
Trim Acoustics
Resilient Layer
Impactafoam

Impactafoam is designed to form a resilient layer reducing impact noise transmission in concrete and timber floors. It is an inert crosslinked closed cell polyethylene foam, therefore providing a vapour barrier with good compression strength. In a concrete construction, it is laid as a membrane between a structural concrete floor of mass 300Kg/m^2 and the finishing screed. For a raft floor construction batten strips are applied to the underside of the timber battens. In a conventional timber construction self adhesive batten strips are easily applied to the top of the floor joists. This forms a resilient layer between the joists and the boarding, reducing impact noise.

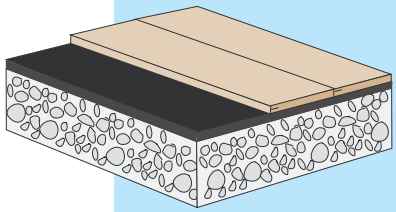




Joisted Floors



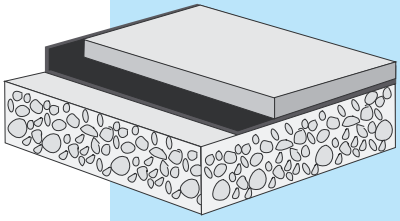
Raft Floors



Laminated Floors

The Benefits

- **Reduces impact noise Only 5mm thick**
- **High compression strength**
- **Easy to lay and cut**
- **Good chemical resistance**
- **Environmentally friendly**
- **Low thickness loss**
- **Good vapour barrier**
- **Does not deteriorate or mildew**



Concrete Floors

Specification

MAXIMUM LOAD 500kg/m²

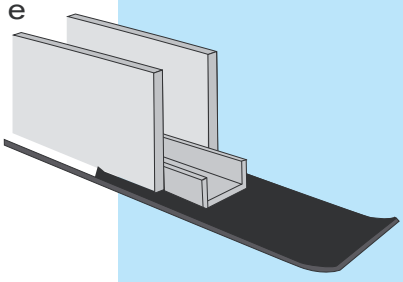
The maximum load is the load which the thickness loss of the foam is < 10% after 3 years at 23°c and includes both screed weight and traffic load (inc furniture).
A typical concrete screed thickness of 50-70mm corresponds to an approximate load of 100kg/m².
Compression strength @25% compression ISO 84430kPa
water vapour diffusion res, index ISO 1663ca6000
water absorption 28days ISO 2896 <1%

CONSTRUCTION
Crosslinked, closed cell polyethylene

DENSITY
33kg/m³

SIZES
25m x 1.2m x 5mm.
90m/Box ,50mm x 5mm,
Self Adhesive.

CUTTING
By trimming knife



Stud Partitions

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