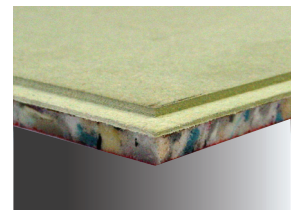
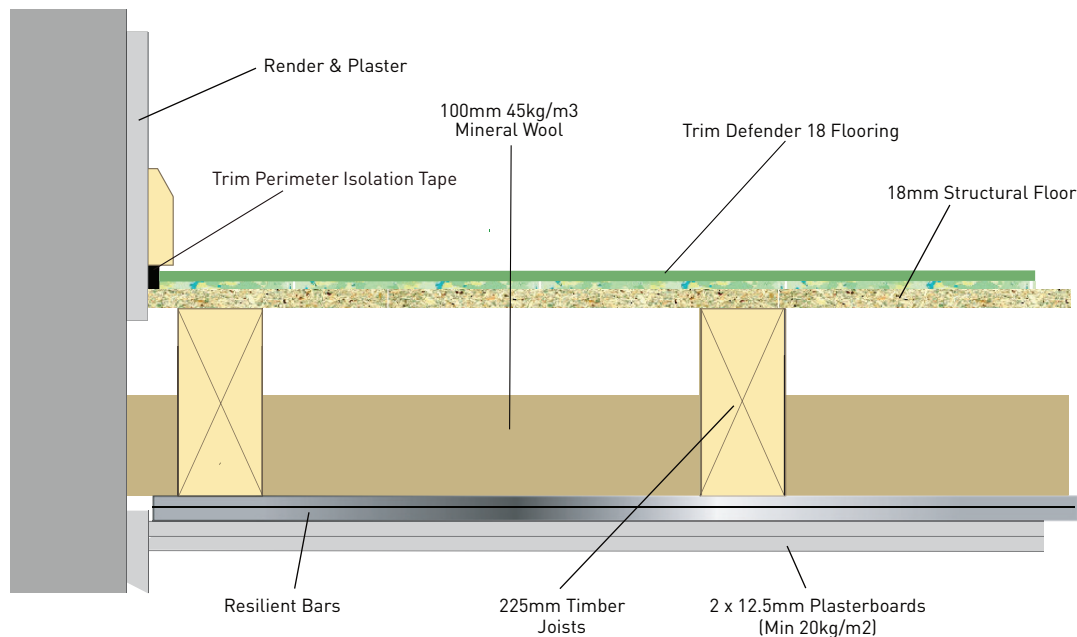


ACOUSTIC FLOOR SYSTEMS

Product Description

Trim Defender 18 can be laid directly onto a concrete floor or on top of an existing timber floor construction in a broken bond pattern with all joints glued and perimeters sealed using 19mm x 5mm Perimeter isolation tape.



Flanking Transmission

The acoustic performance of a floor can be compromised by the passage of sound through walls and ducts, which adjoin or penetrate a floor, known as flanking transmission. To reduce this, acoustic flooring must be isolated from walls and other structural elements.

Trim Acoustics Isolation Strip is a flexible polyethylene strip designed to form a seal between the flooring and the wall.

System Components

Overall Dimensions	1200mm x 600mm x 18mm thick
9mm Moisture Resistant T&G MDF	
Resilient layer composition	9mm Recycled Acoustic Chip Foam with anti crumb encapsulating layer

Features & Benefits

- Supports floor loadings defined in BS: 6399-1: 1996
- Superior performance - the recycled foam used has excellent impact improvement characteristics and superior stability within a single layer
- Foam fire tested to BS4790
- Quality assured - Trim Acoustics products meet all current standards
- Installation conforms to Document E

Performance

Treated timber floor with resilient bar ceiling	DnT,w + Ctr	LnT,w
	48dB	48dB

Performance figures based on Defender 18 laid over 18mm chipboard with a ceiling construction of: 45kg/m3 insulation between joist & 2 x 12.5mm Plasterboards on resilient bars

Treated Concrete Floor	ΔLw
	21dB

Performance figures based on Defender 18 laid over a 365kg/m2 concrete floor with a plaster skim



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