

Trim 'Exclusive'

Acoustic Floor Systems

Trim Defender 18

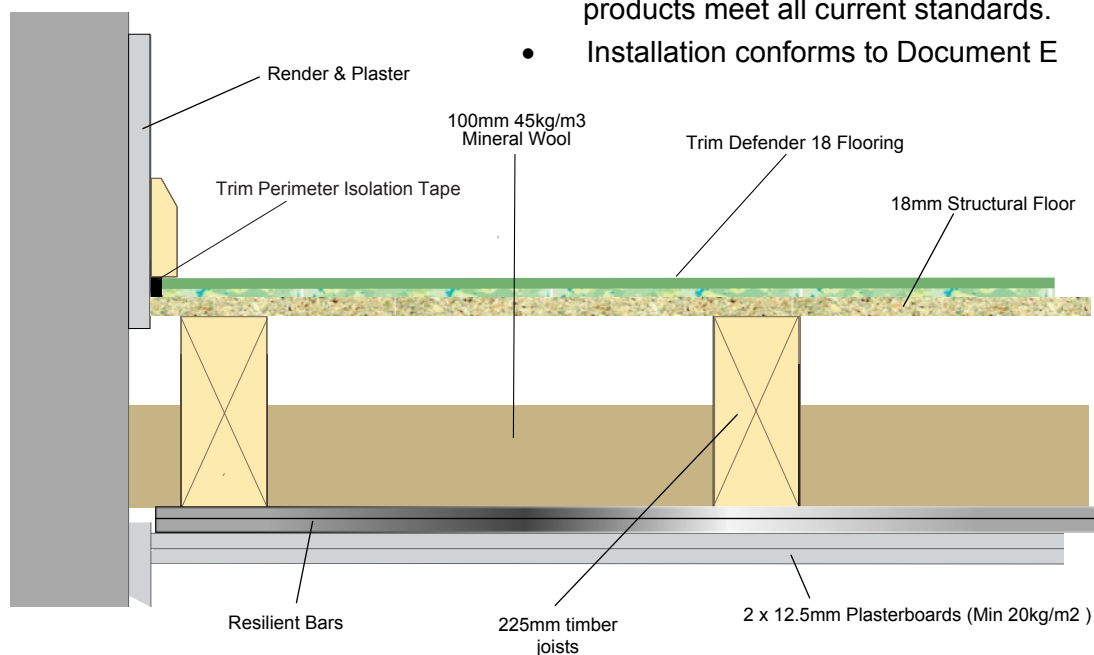
High Performance Acoustic Floor System



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.

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



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, a phenomenon known as flanking transmission. To reduce flanking transmission the 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.

Performance

Treated timber floor with resilient bar ceiling	$D_{nT,w} + C_{tr}$	$L_{nT,w}$
	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		ΔL_w
		21dB

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

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.