

## Trim 'Exclusive'

# Acoustic Floor Systems

# Trim Defender 32

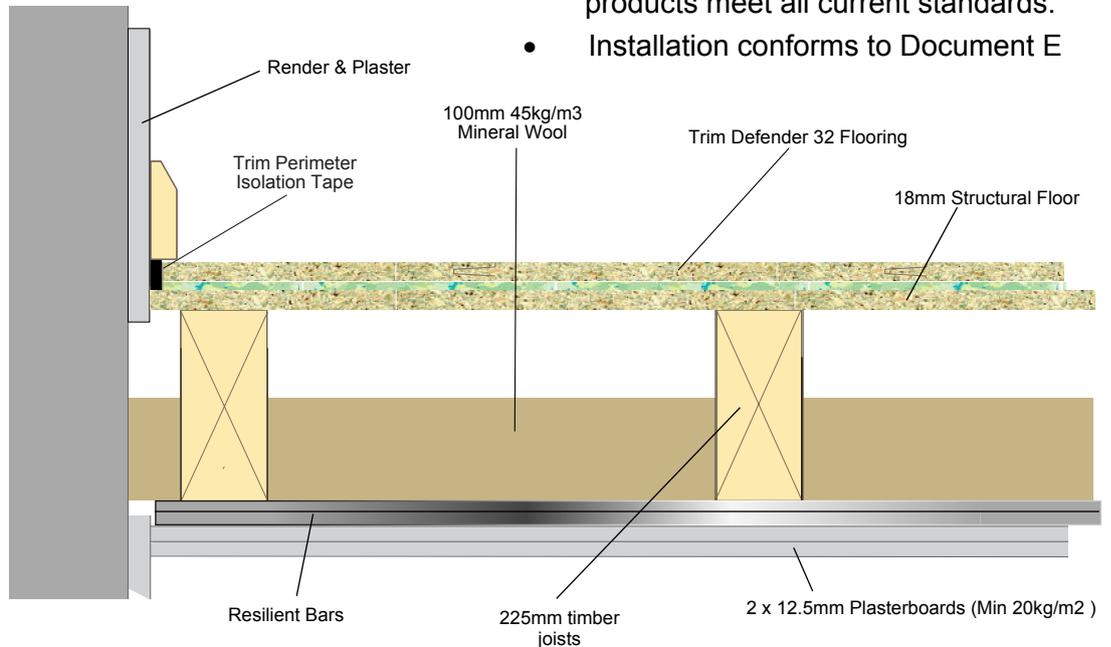
### High Performance Acoustic Floor System



Trim Defender 32 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 34mm x 10mm 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 and seal between the flooring and the wall.

#### System Components

Overall Dimensions	2400mm x 600mm x 32mm thick
22mm P5 moisture resistant chipboard	
Resilient layer composition	10mm Recycled Acoustic Chip Foam With anti crumb encapsulating layer.

#### Performance

Treated timber floor with resilient bar ceiling	$D_{nT,w} + C_{tr}$	$L_{nT,w}$
	50dB	50dB

Performance figures based on Defender 32 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	$\Delta L_w$
	19dB

Performance figures based Defender 32 laid over a 365kg/m2 concrete floor with a plaster skim.