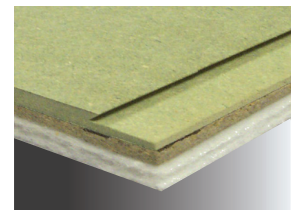
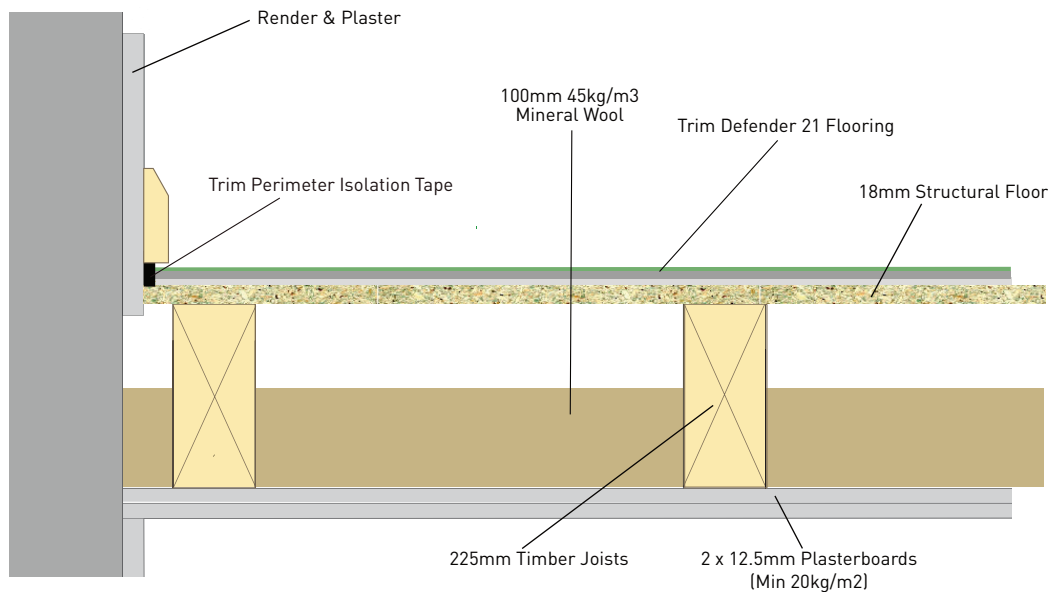


ACOUSTIC FLOOR SYSTEMS

Product Description

Trim Defender 21 is designed to be laid directly on top of an existing timber floor construction in a broken bond pattern with all joints glued and perimeters sealed using 23mm 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 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.

System Components

Overall Dimensions	1175mm x 575mm x 21mm thick
6mm Moisture Resistant T&G MDF 8mm cement particle board 1mm isolation layer	
Resilient layer composition	6mm decoupled felt

Features & Benefits

- Designed to reduce both airborne sound and impact noise passing through floors with minimal loss in room height
- Superior Performance - Cement particle board core
- Quality Assured - Trim Acoustics products meet all current standards
- Installation conforms to Document E

Performance

Treated timber floor	DnT,w + Ctr	LnT,w
	44dB	57dB

Performance figures based on Defender 21 laid over 18mm chipboard with a ceiling construction of: 45kg/m3 insulation between joist & 2 x 12.5mm Plasterboards

Treated timber floor with resilient bar ceiling	DnT,w + Ctr	LnT,w
	51dB	49dB

Performance figures based on Defender 21 laid over 18mm chipboard with a ceiling construction of: 45kg/m3 insulation between joist & 2 x 12.5mm plasterboards on resilient bars



Trim Acoustics
 Cardinal West, Cardinal Way,
 Godmanchester, Huntingdon,
 Cambridgeshire PE29 2XN
T: 020 8443 0099
E: sales@trimacoustics.co.uk
W: www.trimacoustics.co.uk