

CUSTOM AUDIO DESIGNS

Soundproofing Solutions to Meet New Part E Building Regulations

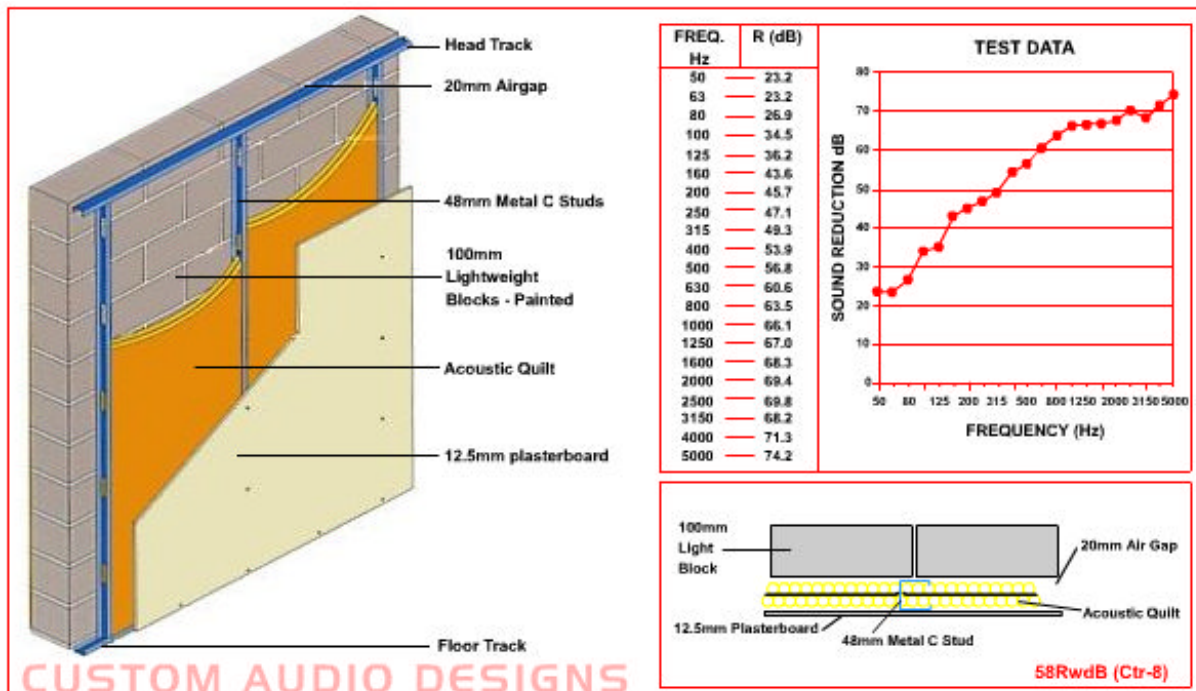
TYPE 2.5

Separating Wall / Independant Metal C Stud / 50 R_wdB +C_{tr} Application

Sound Reduction Performance	
58 R_wdB	50 R_wdB+C_{tr}
Part E Acoustic Requirement	
New Build 45 D_{nTw}+C_{tr}dB	Refurbishment 43 D_{nTw}+C_{tr}dB

Components and Fixing Data:

- 100mm Lightweight Block Wall (painted on one side)
- 20mm Clear Cavity
- 48mm Metal C Studs (at 600mm centres)
- 52mm Acoustic Quilt (between studs)
- 1 x 12.5mm Plasterboard (screwed to studs)



Technical Data:

Mass per Unit Area:	76.1Kg/m ²
Footprint Width:	80.5mm
Fire Protection:	N/A