

Soundproofing Solutions to Meet New Part E Building Regulations

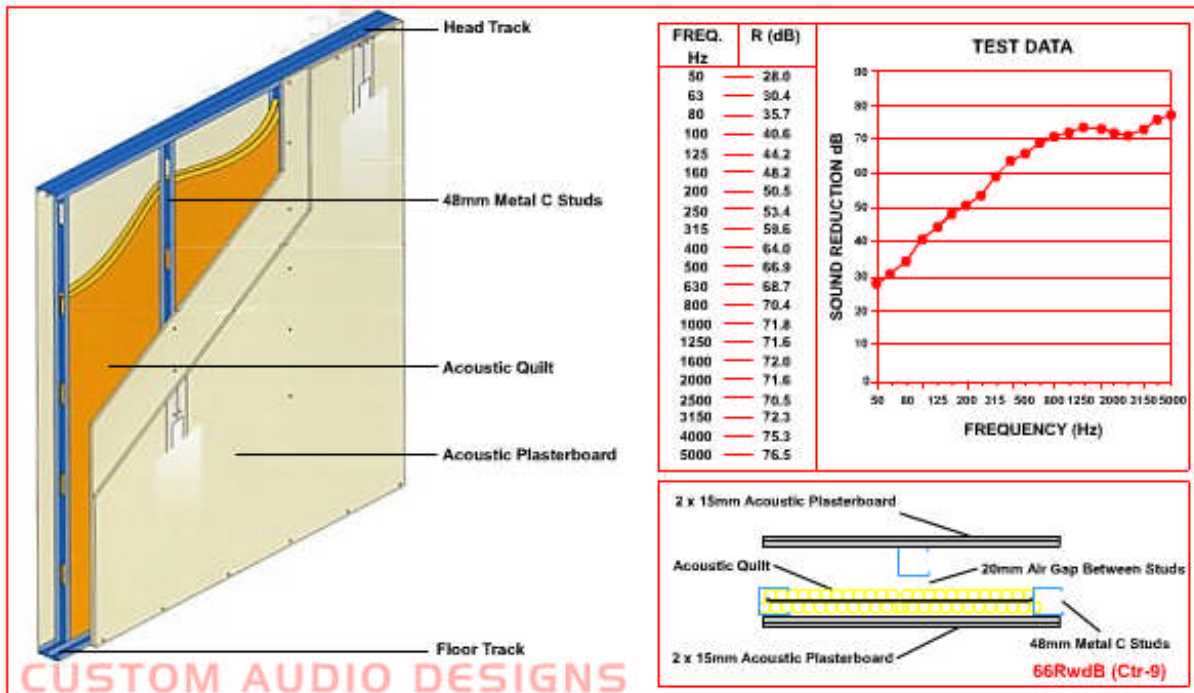
TYPE 2.1

Separating Wall / Double Metal C Metal Stud / 57 R_wdB +C_{tr} Application

Sound Reduction Performance	
66 R _w dB	57 R _w dB+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:

- 2 x 15mm Acoustic Plasterboard (screwed to)
- 48mm Metal C Studs (at 600mm centres)
- 52mm Acoustic Quilt (Between studs)
- 20mm Clear Cavity
- 48mm Metal C Stud (at 600mm centres)
- 2 x 15mm Acoustic Plasterboard (screwed through to studs)



Technical Data:

Mass per Unit Area: 60.6Kg/m²
 Footprint Width: 176mm
 Fire Protection: 60 minutes