

Soundproofing Solutions to Meet New Part E Building Regulations

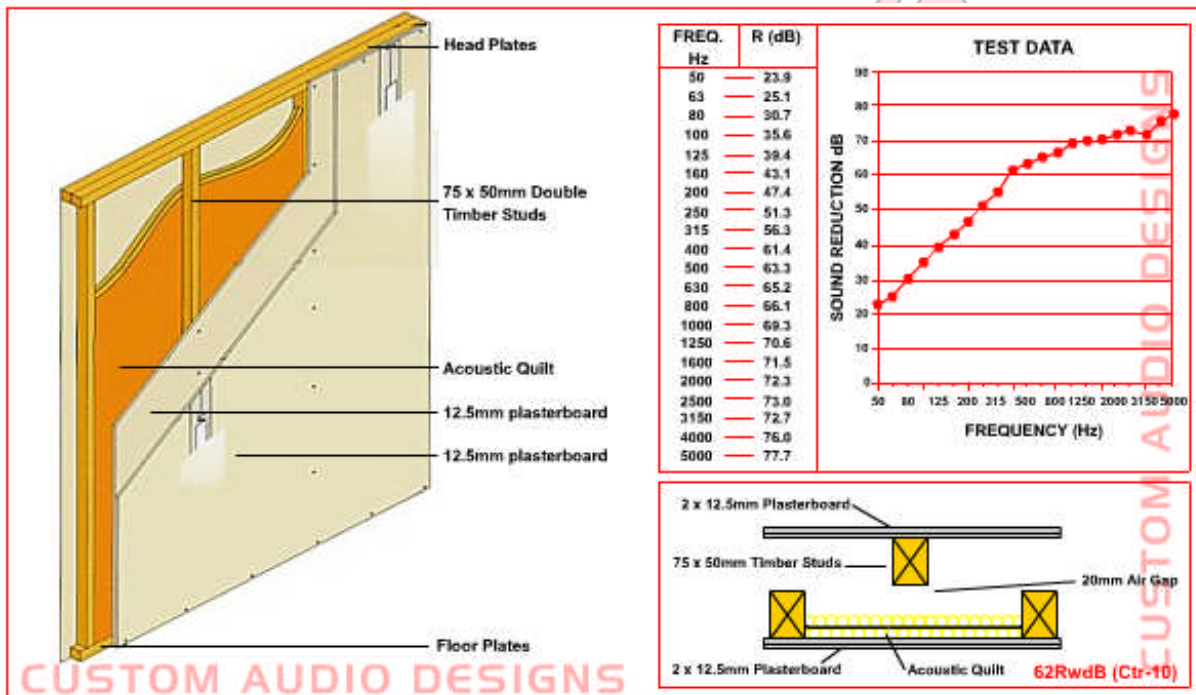
TYPE 2.3

Separating Wall / Double Timber Stud / 52 R_wdB +C_{tr} Application

Sound Reduction Performance	
62 R _w dB	52 R _w dB+C _{tr}
Part E Acoustic Requirement	
New Build 45 D _{nT_w} +C _{tr} dB	Refurbishment 43 D _{nT_w} +C _{tr} dB

Components and Fixing Data:

- 2 x 12.5mm Plasterboard (screwed to)
- 75mm x 50mm Timber Studs (at 600mm centres)
- 52mm Acoustic Quilt (Between studs)
- 20mm Clear Cavity
- 75mm x 50mm Timber Studs (at 600mm centres)
- 2 x 12.5mm Plasterboard (screwed to studs)



Technical Data:

Mass per Unit Area:	46.4Kg/m ²
Footprint Width:	220mm
Fire Protection:	60 minutes