

Soundproofing Solutions to Meet New Part E Building Regulations

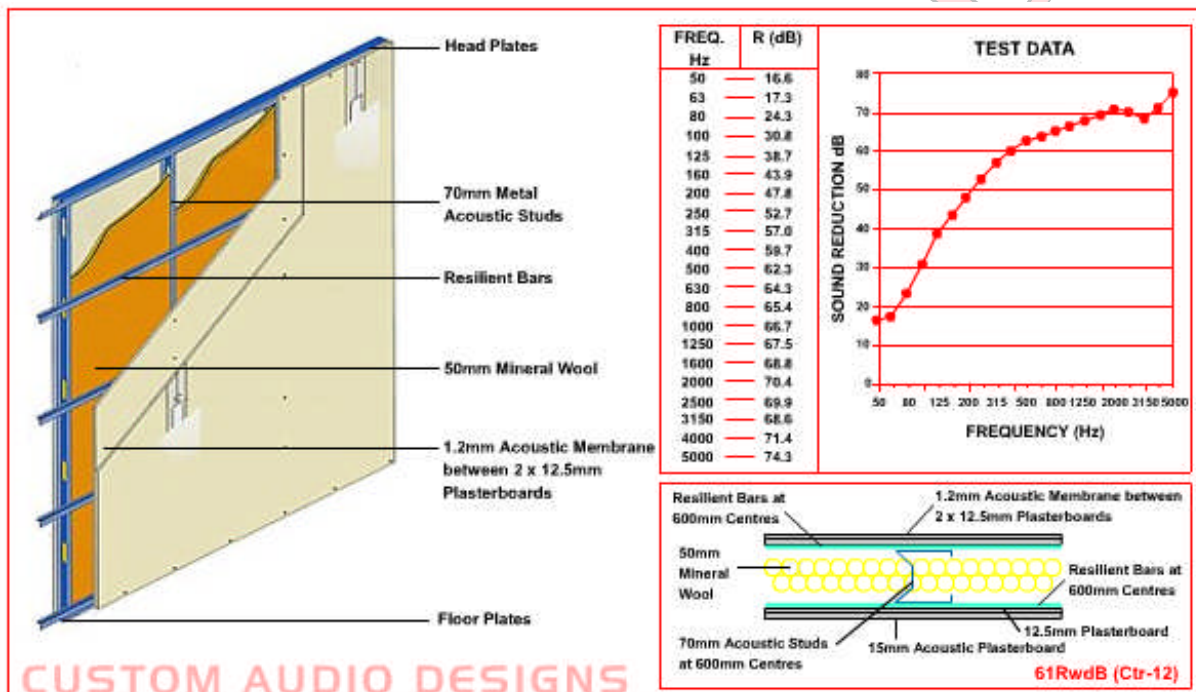
TYPE 2.6

Separating Wall / 70mm Acoustic Stud / 49 R_wdB +C_{tr} Application

Sound Reduction Performance	
61 R _w dB	49 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:

- 1.2mm Acoustic Membrane between 2 x 12.5mm Plasterboards (screwed to)
- Resilient Bars (at 600mm centres)
- 70mm Acoustic Studs (at 600mm centres)
- 50mm 60kg Mineral Wool Insulation (between studs)
- Resilient Bars (at 600mm centres)
- 12.5mm Plasterboard (screwed to)
- 15mm Plasterboard (screwed through to resilient bars)



Technical Data:

Mass per Unit Area: 45.9Kg/m²
 Footprint Width: 143.7mm
 Fire Protection: 60 Minutes