

Soundproofing Solutions to Meet New Part E Building Regulations

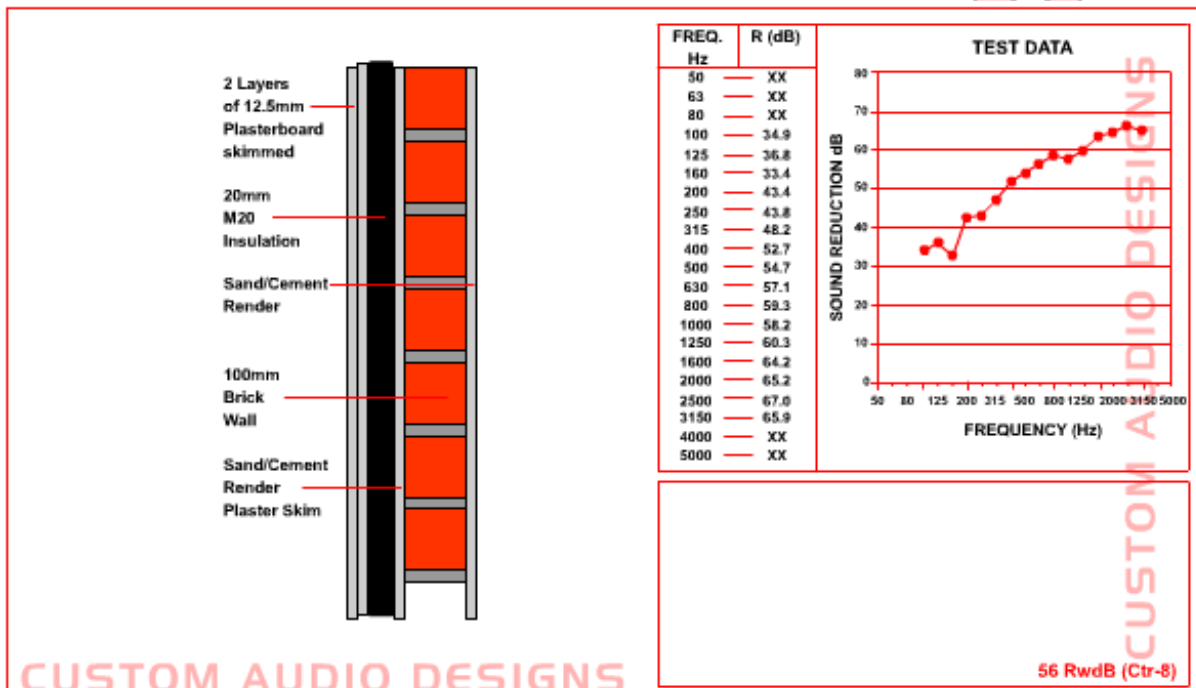
TYPE 2.8

Separating Wall / 100mm Brick Wall / 48 R_wdB +C_{tr} Application

Sound Reduction Performance	
56 R_wdB	48 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 Brick Wall (sand cement rendered and plastered both sides)
- M20 Wall Panels (bonded to wall)
- 12.5mm Plasterboard (bonded to M20)
- 12.5mm Plasterboard (bonded to first plasterboard)



Technical Data:

Mass per Unit Area: 225Kg/m²
 Footprint Width: 150mm
 Fire Protection: N/A

UPRATING:

Increasing the thickness of the plasterboard will increase performance by around 3dB