

Sound Insulation 20699-CON20	
Separating Wall Construction	To be built in accordance with Robust Detail E-WM-28: • 12.5mm Gypsum based plasterboard minimum density 8.0Kg/m² on dabs with joints taped and sealed or a 3mm plaster skim applied (regional option) to both sides. • 100mm aggregate blockwork to both leaves of density 1350 – 1600Kg/m³. • 100mm cavity fully filled with Knauf Supafil Party Wall Wool. All to achieve a minimum sound insulation of 5dB above the Building Regulations.
Separating Floor Construction	To be built in accordance with Robust Detail E-FC-16: • 3mm IsoRubber CC3 (bonded with IsoBond adhesive) installed over whole floor area and between skirting and screed. • 78mm minimum reinforced bonded screed – grade C25 concrete with 14mm aggregate with 0.9Kg/m³ polypropylene fibres. Mass per unit area of 80Kg/m². • 150mm (min) thick prestressed hollow core floor units of minimum density 300Kg/m³ • 150mm minimum clear zone between soffit of floor units and plasterboard. • Galvanised steel suspended ceiling system (CT0). Any metal ceiling frame, suspended from IsoSonic cleats. • 12.5mm Gypsum based plasterboard (nominal 9.8kg/m²). All to achieve a minimum sound insulation of 5dB above the Building Regulations.