

12.5mm accoustic plasterboard fixed to timber battens on studwork frame

38x89 CLS studwork with accoustic insulation, fixed through to floor cassette with screws at 150mm centres ensuring minimum 45mm embedment into floor joist.

Lined internally above ground floor with timber battens (to match metal lining system) with 25mm accoustic insulation mat. min 16kg/m<sup>3</sup>

Skirting to have continuous bead of sealant applied to rear and expanding foam tape applied to underside and mastic seal finish.

1st Floor level

40mm Gyvlon Soundbar screed on min 500 gauge polythene on 35mm Finforest Soundbar board or similar. Perimeter edges of Soundbar board to be sealed with mastic.

22mm chipboard on joists

Floor joists

Firestop cavity barrier fixed in cavities at all junctions of separating floors with external walls and party cavity walls.

Garage ceiling

200mm Mineral fibre insulation (min density 10kg/m<sup>3</sup>) to floor void.

Staircase / storage void

2 layers of 15mm Fire rated plasterboard to u/s of floor joists. perimeter sealed with intumescent acoustic sealant.

Partial Fill cavity Insulation

12.5mm acoustic plasterboard fixed to metal lining system.

Vertical Wall Panels. Compressive strength 4N/mm<sup>2</sup>. Thermal conductivity - 0.17W/Mk

Lined internally with metal frame wall lining system with 25mm accoustic insulation mat. min 16kg/m<sup>3</sup>

REV.	DATE.	DESCRIPTION.	BY.

These details have been produced for guidance only. It is the responsibility of the building designer to ensure that the details shown are compatible with the overall building design and will satisfy the relevant parts of the Building Regulations applicable before they are adopted into the project design.



H+H UK Limited  
 Technical Services Dept.  
 Celcon House  
 Ightham, Sevenoaks  
 Kent, TN15 9HZ.  
 Tel +44 (0)1732 880580  
 Email tsd@hhcelcon.co.uk

TITLE Vertical Wall Panel detail  
 F.O.G first floor junction with sep wall

DWG No. VED051

DRAWN BY MAB CHECKED BY SJK

DATE 15/7/21 SCALE 1:10 REV.NO. 00

Flat over garage - Junction of first floor over garage with seperating wall.