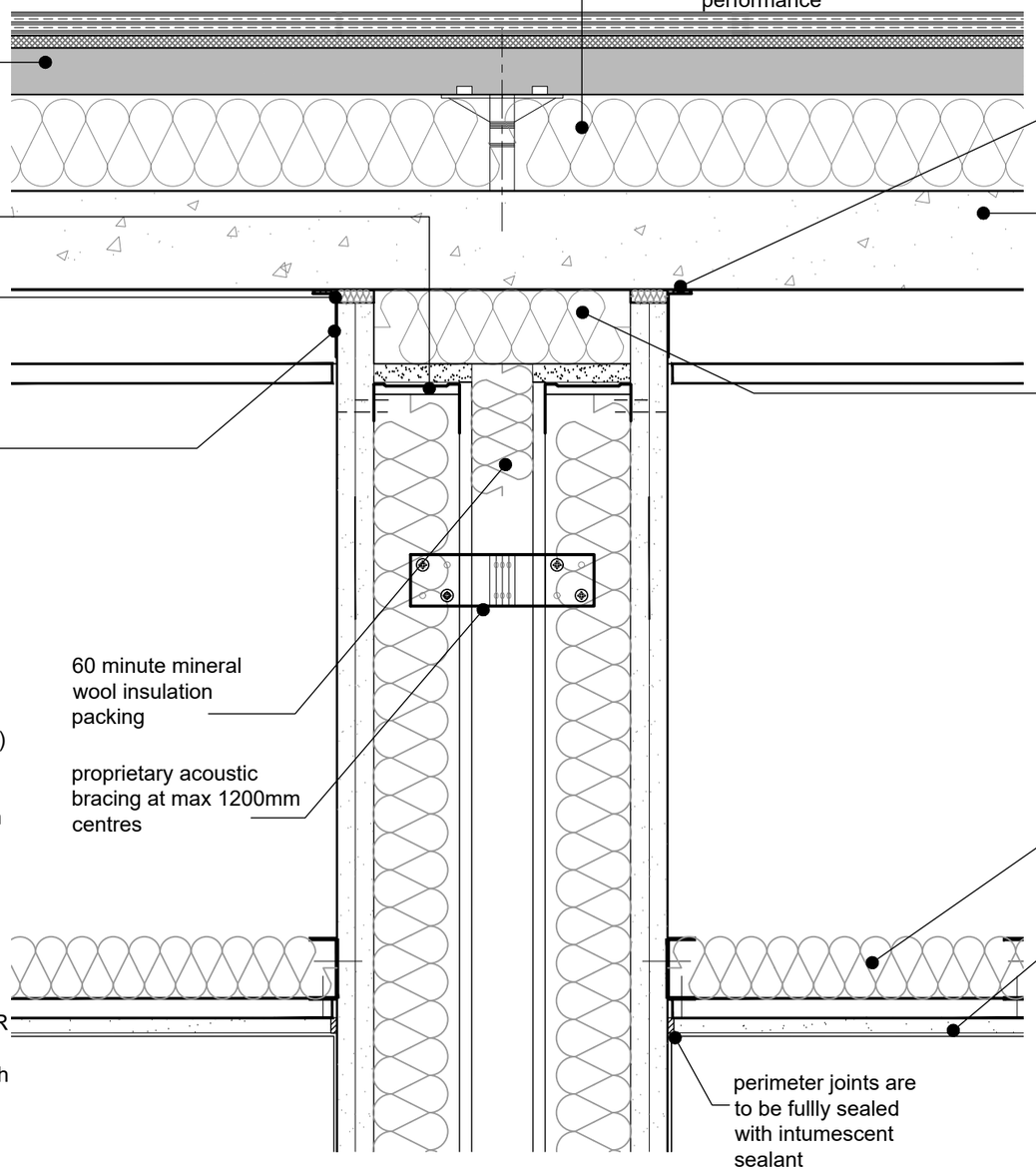

METAL STUD PARTITION (FIRE RATED) - TYPE B12

(nom. 305mm o/all height up to **max 4.2m**)

Manufacturer: British Gypsum.
Product reference: Based on Robust Detail E-WS-5 + security mesh
Stud types: CS90/W 'C' studs (two rows arranged in pairs)
Stud centres: 600mm.
Approx weight 60kg/m2
Abutments & openings: Siniat Track (two rows arranged in pairs)
Head and Base channels: Siniat U Track (two rows arranged in pairs)
Bracing: Siniat Acoustic V Brace
Security Mesh: non-combustible galvanized expanded metal mesh to LPCB LPS 1175 SR1 fixed to one face of the inner cavity
Insulation: 100mm thick Isover Acoustic Partition Roll (APR 1200) in the central cavity.
Linings: 1no layer of 15mm Siniat dB Board staggered both sides, 1 no layer 15mm Siniat Megadeco Board
Screws: Drywall screws 25mm (layer 1) and 40mm (layer 2) each side
Screw centres: 300 mm generally, reduced to 200 mm at external angles.
Fixing strap: (board joints & deflection heads in tall partitions) Siniat Flat Strip
Fixing T: (horizontal board joints in tall partitions)
Finishing: Seamless jointing to receive paint finish
Primer/ Sealer: As recommended by board manufacturer (acoustic/ intumescent as noted on specific details & at compartment abutments).
Accessories: Metal beads/ stops recommended by board manufacturer.
Fire rating: 90 minutes integrity & 90 minutes insulation
Acoustic rating: Airborne Rw 69 (dB)
Duty Rating: Severe

DETAIL 1 - party wall / concrete acoustic ceiling abutment @ 1:5

1:5

0mm 100mm 200mm 300mm 400mm 500mm

Notes:

do not scale:
detailed drawings and larger scale drawings take precedence. Figured dimensions only are to be taken from this drawing.

dimensions:
All building and site dimensions, levels and sewer invert levels at connection points are to be checked and verified on site by the contractor before the commencement of works. All dimensions are to be checked prior to the placement of orders for materials or the fabrication of work and any discrepancy, omission or error is to be reported to the Architect immediately for verification.

specification:
The Contractor is to comply with current Building Legislation, British Standard Specifications, Building Regulations etc. Whether or not specifically stated on this drawing. This drawing must be checked against and read in conjunction with any structural or other relevant specialist and design documentation provided.

NOTE: at ground floor acoustic insulation to be replaced with thermal upgrade in accordance with Energy Assessors advice

revisions:
Rev A - Wall types Amended to Siniat. LA 19/05/25
Rev B - COMPLETE TENDER SET ISSUED further pack issues after this will be classified as Construction. LA 18/12/25

NOTE: all drawings and schedules are subject to local authority, building regulations and other statutory approval together with energy assessor input to ensure a robust solution which meets appropriate legislatory standards

Drawing to be read in conjunction with plans, elevations, sections, specifications and all relevant details

client:
Marson Properties

project:
Hayes Park South, Hayes End Road, Hayes UB4 8FE

description:
section detail
twin metal stud party wall head/ concrete acoustic party floor

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drawn:	scale: 1:5	@A3
date: June 24	sheet 1	of: 2

job drwg. no: jw1200.2-602

rev: B

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