

SS70-B-60(25) - SPEEDLINE METAL STUD PARTITION

Type & Ref: --
Version V1(24/10/23) --

SPEEDLINE Reference: SS70-B-60(25)

Performance Overview:

Fire Resistance (minutes): 90/90 (Integrity/Insulation) BS 476 Part 22: 1987
Sound Insulation: 58 R_wdB (-3,-8) estimated on SS60-B-60(25)
Maximum Height: Calculated on limiting deflection L/240 at 200Pa
@ 300 mm Ctrs: 4500 mm
Nominal Width: 154 mm. (Excluding finishes).
Insulation Required: 25 mm APR.
Duty Rating: Severe. BS 5234-2:1992 (Annexes A-F)
Deflection Required: To be confirmed by Structural Engineer.

Steel Framing Detail:

Head Tracks: All as per the current **SPEEDLINE** Drywall Manual.
SPEEDLINE SPT94 'U' Track, secured to soffit, in the centre of the profile at 600 mm centres with suitable fixings. (Utilise **SPEEDLINE Deep Flange 'U' Track** if deflection allowance is required).
Base Tracks: **SPEEDLINE SPT94 'U' Track**, secured to floor in the centre of the profile, with suitable fixings.
Studs: Install row of Staggered **SPEEDLINE P170** (70 mm) 'I' stud fixed alternatively to each leg of the tracks at 300 mm centres with a wafer head screw. No spacer clip is used. Abutment 'C' studs secured at max 600 mm centres, with suitable fixings.
Deflection Head: If structural deflection is deemed necessary, please refer to **SPEEDLINE** Drywall Manual and/or project detail.

Plasterboard linings:

Inner Layer: 15 mm British Gypsum Gyproc SoundBloc attached to both sides of framing at 600 mm maximum centres with **25 mm SPEEDLINE Drywall Screws**.
Outer Layer: 15 mm British Gypsum Gyproc SoundBloc attached to both sides of framing at 300 mm maximum centres with **42 mm SPEEDLINE Drywall Screws**.
Humid Areas: Replace with 15 mm British Gypsum Gyproc SoundBloc MR attached to framing at 300 mm maximum centres with **42 mm SPEEDLINE Drywall Screws**.
Boarding Installation: All plasterboard joints to be staggered on opposing partition faces.
Horizontal Board Joints: **SPEEDLINE PB24** Partition Brace or **FS24** Flat Bracing Strip required behind all horizontal board joints.
Finishes: Skim plaster or taped & jointed (MR Boards to be taped & jointed only).
Acoustic Seal: At junctions between partitions and any other air paths, apply a continuous bead of **SPEEDLINE Intumescent Sealant**, to clean dust free surfaces. Please Note: **SPEEDLINE Intumescent Sealant** is NOT compatible with Lubrizol cPVC pipes.

Accessories:

Service Support Plate AH174 & 18 mm Plywood for all pattresses.
Electrical socket openings should be considered as part of the fire stopping package and consideration should be given to meet the performances of the Partition/Lining system regarding fire and acoustic performance.

General Notes:

To be installed in accordance with SPEEDLINE recommendations and relevant British standards including BS 8000-0:2014 and BS 8000-8:2023.

This document should be read in conjunction with clauses specified in original contract documentation. Flanking details to be appropriate to current requirements.