

RB92-B-60(50) - SPEEDLINE METAL STUD PARTITION

Type & Ref:	--
Version V1(24/10/23)	--
<u>SPEEDLINE Reference:</u>	RB92-B-60(50)
<u>Performance Overview:</u>	
Fire Resistance (minutes):	90/90 (Integrity/Insulation) BS 476 Part 22: 1987
Sound Insulation:	63 R _w dB (-3,-7) Tested
Maximum Height:	Calculated on limiting deflection L/240 at 200Pa
@ 600 mm Ctrs:	5000 mm
Nominal Width:	170 mm. (Excluding finishes).
Insulation Required:	50 mm APR.
Duty Rating:	Severe. BS 5234-2:1992 (Annexes A-F)
Deflection Required:	To be confirmed by Structural Engineer.
<u>Steel Framing Detail:</u>	All as per the current SPEEDLINE Drywall Manual.
Head Tracks:	SPEEDLINE SPT94 'U' Track , secured to soffit with two rows of suitable fixings at 600 mm centres, staggered by 300 mm to each side of track. (Utilise SPEEDLINE Deep Flange 'U' Track if deflection allowance is required).
Base Tracks:	SPEEDLINE SPT94 'U' Track , secured to floor with two rows of suitable fixings at 600 mm centres, staggered by 300 mm to each side of track.
Studs:	SPEEDLINE SPS92 'C' Studs at 600 mm centres. Friction fitted into tracks. (400 mm centres if to be tiled). Abutment studs secured with two rows of suitable fixings at 600 mm centres, staggered by 300 mm in each side of stud.
Resilient Bar:	SPEEDLINE RB565 Resilient Bar is screw fixed perpendicular to the studs at 600 mm centres on one side only. Hanging down from screw fixings, apart from top Resilient bar, which faces up.
Deflection Head:	If structural deflection is deemed necessary, please refer to SPEEDLINE Drywall Manual and/or project detail.
<u>Plasterboard linings:</u>	
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 . ENSURE SCREWS DO NOT PENETRATE STUDWORK ON RESILIENT BAR SIDE
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.
<u>Finishes:</u>	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.
<u>Accessories:</u>	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.