

MF-B-53 - SPEEDLINE METAL FRAME CEILING

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

SPEEDLINE Reference: MF-B-53

Performance Overview:

Fire Resistance (minutes): NA (Integrity/Insulation) BS 476 Part 22: 1987
 Sound Insulation: NA R_wdB
 Insulation Required: NA.
 Maximum Load: Up to 30 kg/m²
 Structural Soffit: Concrete.

Steel Framing Detail:

Perimeter Tracks: All as per the current **SPEEDLINE** Drywall Manual.
SPEEDLINE SSMF6A secured to perimeter of the room, in the centre of the profile at 600 mm maximum centres with suitable fixings
 Primary Channel: **SPEEDLINE SSMF7** spaced at 1200 mm centres supported from the ceiling structure using rigid angle **SSL06** at 1200 mm centres with soffit cleat attached. Secure using suitable fixings.
 Always fix through metal **SSL06** Angle into **SSMF7 Primary Channels** with two **SPEEDLINE Wafer Head Screws**.
 Furring Section: **SPEEDLINE SSMF5** spaced at 450 or 400 mm centres and secured to the **SPEEDLINE SSMF7 Primary Channels** using two **SPEEDLINE Self-Drilling Drywall Pan Head Screws** per connection. Or **AH199** pre-formed connecting clips*.
 * **AH199** pre-formed connecting clips must only be used in commercial applications. For all domestic situations, **SPEEDLINE Self-Drilling Drywall Pan Head Screws** must be used.

Plasterboard linings:

Outer Layer: 12.5 mm British Gypsum Gyproc SoundBloc attached to underside of framing at 230 mm maximum centres with **25 mm SPEEDLINE Drywall Screws**. The perimeter of the room and ends of boards to be fixed at 150 mm maximum centres.
 Humid Areas: Replace with 12.5 mm British Gypsum Gyproc SoundBloc MR attached to underside of framing at 230 mm maximum centres with **25 mm SPEEDLINE Drywall Screws**. The perimeter of the room and ends of boards to be fixed at 150 mm maximum centres.

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.

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(As per the requirements set out in ISO/IEC 17025:2017 regarding test data the results stated have been carried out by voestalpine Metsec plc as part of the contract to supply Speedline Metal Sections to SIG Plc)