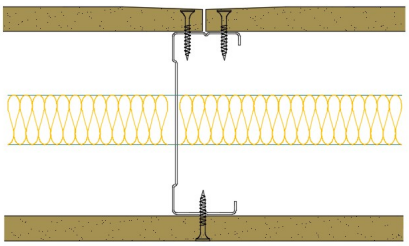
92-S-51(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 92mm 'C' Stud Partition @600mm Ctrs, with Siniat GTEC 12.5mm Standard Board each side, 25mm APR

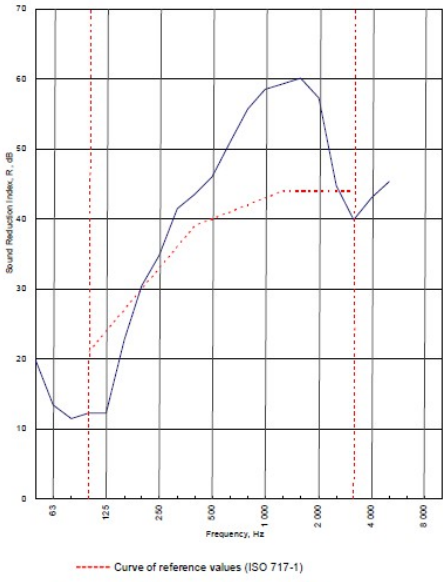


System Performance Breakdown

Fire Resistance:	
BS476 Part 22:1987:	30/30 Minutes (Integrity/Insulation).
Test Ref & Date or Applied Ref & Report:	BRE 269826 - BRE Report P102396-1011C
Max Height:	Refer to Speedline Specification Clause
Thickness:	119 mm. (At Base Track, Excluding Finishes)
Duty Grade: BS 5234: Part 2:1992:	Medium - Annexes A-F
Sound Insulation:	40 R_wdB, Date Tested or Assessed Against - 70-S-51(25)

Test Code: H17461AA
Test Date: 01/07/2011

Freq. Hz	R dB
50	19.7
63	13.4
80	11.4
100	12.3
125	12.3
160	22.7
200	30.4
250	34.8
315	41.5
400	43.5
500	46.0
630	51.0
800	55.7
1 000	58.6
1 250	59.3
1 600	60.1
2 000	57.3
2 500	44.8
3 150	39.9
4 000	43.1
5 000	45.3
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997

Rw (C;Ctr) = 40 (-5;-11) dB

Max dev. 11.7 dB at 125 Hz

Evaluation based on laboratory measurement results obtained by an engineering method:

$C_{50-3150}$= -5 dB $C_{50-5000}$= -4 dB $C_{100-5000}$= -4 dB

$C_{tr,50-3150}$= -13 dB $C_{tr,50-5000}$= -13 dB $C_{tr,100-5000}$= -11 dB

TESTED AT ONE OF THE UKAS ACCREDITED LABORATORIES BELOW

B.T.C (H-Ref on Graph) — 0296

B.R.E — 0578

AIRO — 0483

S.R.L — 0444

Customer: **Metsec plc Hepsec Division**

BTC 17461A: Page 9 of 11

0296

SPEEDLINE Drywall Systems, Adsetts House, 16 Europa View, Sheffield Business Park, Sheffield, S9 1XH.
Tel: 0114 231 8030.
Email: enquiries@speedlinedrywall.co.uk

(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)