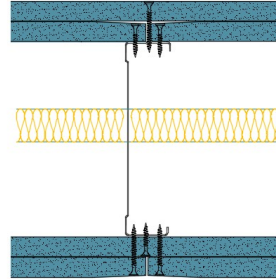


146-S-60(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm Ctrs, with 2x Siniat GTEC 15mm dB Board each side, 25mm APR



System Performance Breakdown

Fire Resistance:

BS476 Part 22:1987:

Test Ref & Date or Applied Ref & Report:

Max Height:

Thickness:

Duty Grade: BS 5234: Part 2:1992:

Sound Insulation:

90/90 Minutes (Integrity/Insulation).

BRE-P100456-1085 - BRE Report P102396-1011C

Refer to Speedline Specification Clause

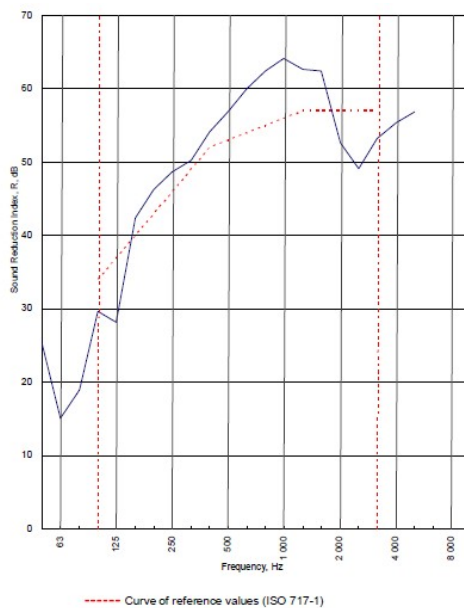
208 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

53 R_w dB, Date Tested or Assessed Against - 70-S-60(25)

Test Code:
H18022AA
Test Date:
30/10/2012

Freq. Hz	R dB
50	25.2
63	15.1
80	19.0
100	29.7
125	28.2
160	42.4
200	46.3
250	48.7
315	50.3
400	54.1
500	56.9
630	60.0
800	62.4
1 000	64.1
1 250	62.7
1 600	62.4
2 000	52.7
2 500	49.1
3 150	53.2
4 000	55.4
5 000	56.8
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 53 (-3;-8) dB		
Evaluation based on laboratory measurement results obtained by an engineering method:	Max dev. 8.8 dB at 125 Hz		
	$C_{50-3150} = -7$ dB	$C_{50-6300} = -6$ dB	$C_{100-6300} = -2$ dB
	$C_{125-500} = -18$ dB	$C_{125-8000} = -18$ dB	$C_{125-4000} = -8$ dB

TESTED AT ONE OF THE UKAS ACCREDITED LABORATORIES BELOW

B.T.C (H-Ref on Graph)

B.R.E

AIRO

S.R.L

Customer: Metsec plc Hepsec Division

BTC 18022A: Page 9 of 11



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)