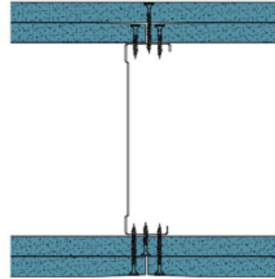


146-B-60 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm
Ctrs, with 2x BG Gyproc 15mm SoundBloc each
side



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).

BTC 17440F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

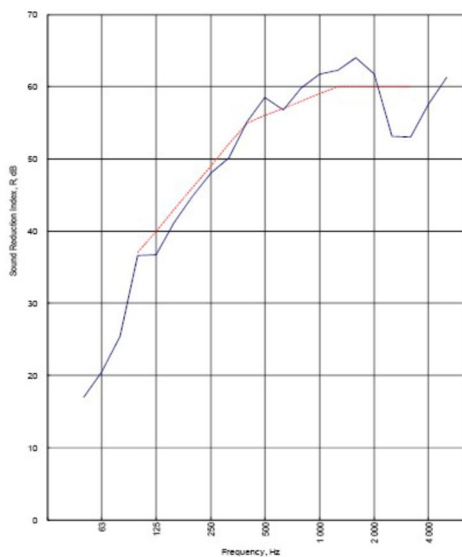
208 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

56 R_w dB, Date Tested or Assessed Against - 03/02/2016

Test Code:
H19386AA
Test Date:
03/02/2016

Freq. Hz	R dB
50	17.0
63	20.4
80	25.4
100	36.6
125	36.7
160	41.1
200	44.8
250	48.0
315	50.1
400	55.2
500	58.5
630	56.8
800	59.8
1000	61.8
1250	62.3
1600	64.0
2000	61.7
2500	53.1
3150	53.0
4000	57.5
5000	61.3



Rating according to BS EN ISO 717-1:2013	R_w (C;Ctr) = 56 (-2;-5) dB
Evaluation based on laboratory measurement results obtained by an engineering method:	Max dev. 7 dB at 3150 Hz
	$C_{50-3150}$ = -6 dB C_{50-500} = -5 dB $C_{100-500}$ = -1 dB
	$C_{125-3150}$ = -17 dB $C_{125-500}$ = -17 dB $C_{125-100-500}$ = -5 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: Voestalpine Metsec Plc

BTC 19386A: Page 9 of 12



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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)