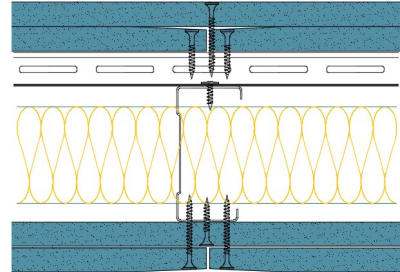


RB70-B-59(50) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition with Resbar
@600mm Ctrs, with 2x BG Gyproc 12.5mm
SoundBloc each side, 50mm 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:

60/60 Minutes (Integrity/Insulation).

BTC 17440F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

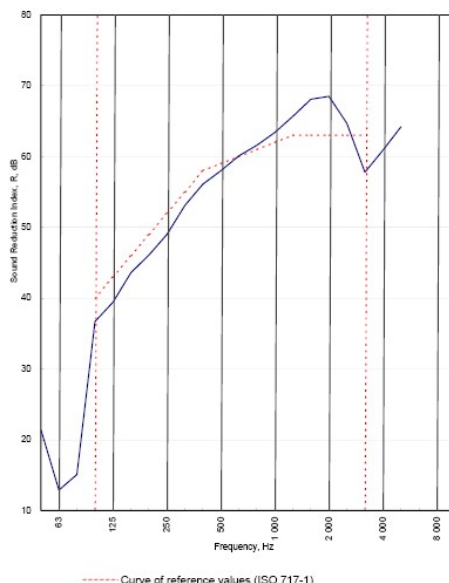
138 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

59 R_w dB, -7 Ctr Date Tested or Assessed Against - 30/03/2006

Test Code:
H14492BA
Test Date:
30/03/2006

Freq. Hz	R dB
50	21.4
63	12.9
80	15.1
100	36.7
125	39.4
160	43.6
200	46.1
250	49.0
315	53.1
400	56.1
500	58.0
630	60.1
800	61.6
1 000	63.4
1 250	65.7
1 600	68.1
2 000	68.5
2 500	64.7
3 150	57.8
4 000	60.9
5 000	64.2
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 59 (-2;-7) dB
Evaluation based on laboratory measurement results obtained by an engineering method:	Max dev. 5.2 dB at 3 150 Hz
	$C_{50-3150}$ = -14 dB $C_{50-5000}$ = -13 dB $C_{100-5000}$ = -1 dB
	$C_{10-50-3150}$ = -26 dB $C_{10-50-5000}$ = -26 dB $C_{10-100-5000}$ = -7 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: HEP Sections Ltd

BTC 14492A: Page 7 of 9



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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)