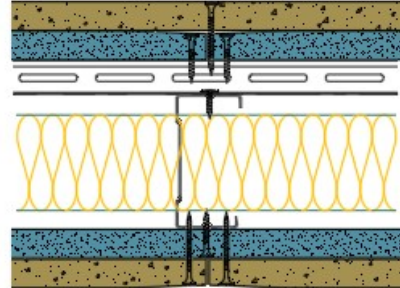


RB70-B-66SR(50) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition with Resbar @600mm Ctrs, with Inner BG Gyproc 15mm SoundBloc, Outer BG Gyproc 15mm DuraLine 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:

90/90 Minutes (Integrity/Insulation).

- BRE Report P102396-1011A

Refer to Speedline Specification Clause

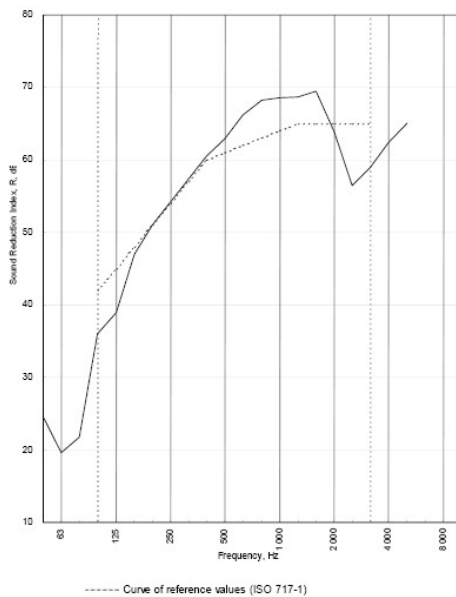
148 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

61 R_w dB, -8Ctr Date Tested or Assessed Against - RB70-B-60(50)

Test Code:
H13632A
Test Date:
22/10/04

Freq. Hz	R dB
50	24.6
63	19.6
80	21.8
100	36.0
125	39.0
160	47.0
200	51.1
250	54.2
315	57.4
400	60.5
500	62.9
630	66.2
800	68.2
1 000	68.6
1 250	68.7
1 600	69.5
2 000	63.9
2 500	56.5
3 150	59.0
4 000	62.4
5 000	65.1
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 61 (-3;-8) dB		
Evaluation based on laboratory measurement results obtained by an engineering method:	Max dev. 8.5 dB at 2 500 Hz		
	$C_{50-3150} = -10$ dB	$C_{63-5000} = -9$ dB	$C_{100-8000} = -2$ dB
	$C_{10-50-3150} = -22$ dB	$C_{10-50-5000} = -22$ dB	$C_{10-100-5000} = -8$ 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: Hepsec

BTC 13632A: Page 10 of 11



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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)