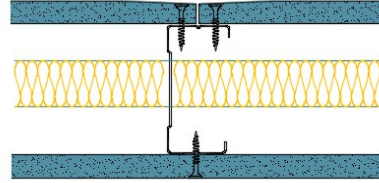


70-B-53(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,
with BG Gyproc 12.5mm SoundBloc 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:

30/30 Minutes (Integrity/Insulation).

BTC 17439F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

97 mm. (At Base Track, Excluding Finishes)

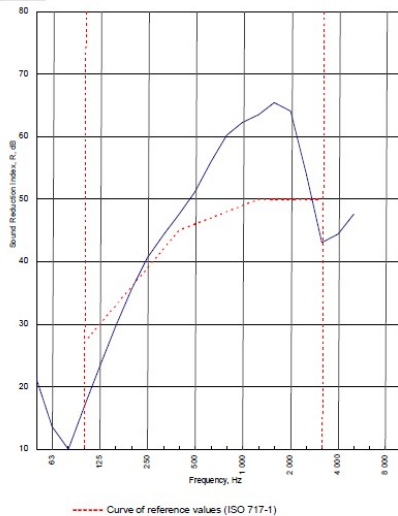
Medium - Annexes A-F

46 R_w dB, Date Tested or Assessed Against - 28/07/2011

APPENDIX A - TEST DATA

Test Code:
H17449AA
Test Date:
29/06/2011

Freq. Hz	R dB
50	21.2
63	13.6
80	10.0
100	16.7
125	23.2
160	29.8
200	35.5
250	40.6
315	44.3
400	47.6
500	51.2
630	56.0
800	60.2
1 000	62.3
1 250	63.5
1 600	65.5
2 000	64.1
2 500	54.1
3 150	43.1
4 000	44.4
5 000	47.6
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997
Evaluation based on laboratory measurement results obtained by an engineering method.

R_w (C;Ctr) = 46 (-4; -11) dB
Max dev. 10.3 dB at 100 Hz

C_{50-100} = -7 dB	C_{50-500} = -6 dB	$C_{100-500}$ = -3 dB
$C_{160-315}$ = -17 dB	$C_{160-500}$ = -17 dB	$C_{100-4000}$ = -11 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 Hepsac Division

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