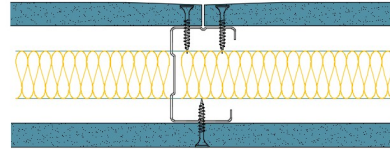


## 50-B-53(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm '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**

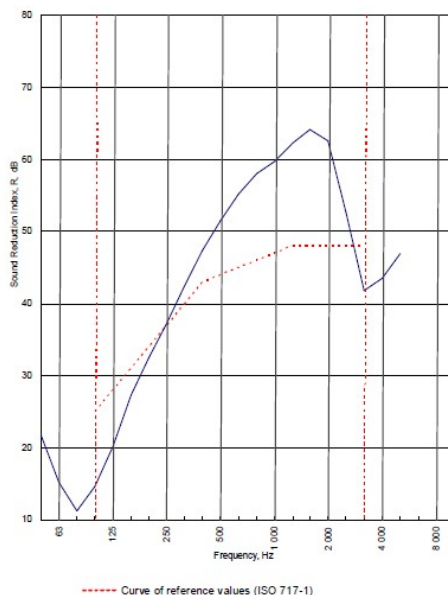
**77 mm.** (At Base Track, Excluding Finishes)

**Medium - Annexes A-F**

**44  $R_{w,dB}$** , Date Tested or Assessed Against - 13/07/2011

Test Code:  
H17481AA  
Test Date:  
13/07/2011

Freq. Hz	R dB
50	21.9
63	15.2
80	11.2
100	14.6
125	20.2
160	27.3
200	32.6
250	37.1
315	42.4
400	47.3
500	51.4
630	55.1
800	58.0
1 000	59.7
1 250	62.2
1 600	64.1
2 000	62.5
2 500	52.6
3 150	41.8
4 000	43.5
5 000	46.9
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 44 (-4;-11) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-3150}$ = -6 dB	$C_{50-5000}$ = -5 dB	$C_{100-8000}$ = -3 dB
	$C_{50-3150}$ = -15 dB	$C_{50-4000}$ = -15 dB	$C_{50-100-8000}$ = -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 Hepsec Division

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