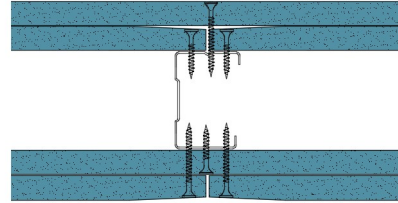


## 50-B-59 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,  
with 2x BG Gyproc 12.5mm 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:

**60/60 Minutes** (Integrity/Insulation).

**BTC 17580F - BRE Report P102396-1011A**

**Refer to Speedline Specification Clause**

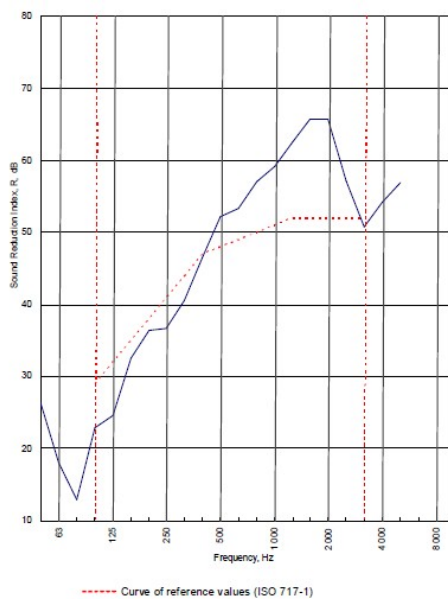
**102 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**48 R<sub>w</sub>dB**, Date Tested or Assessed Against - 13/07/2011

Test Code:  
H17483AA  
Test Date:  
13/07/2011

Freq. Hz	R dB
50	26.4
63	18.1
80	12.9
100	22.9
125	24.6
160	32.6
200	36.4
250	36.6
315	40.5
400	46.4
500	52.1
630	53.3
800	57.0
1 000	59.1
1 250	62.5
1 600	65.7
2 000	65.6
2 500	57.1
3 150	50.7
4 000	54.1
5 000	56.8
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997 **R<sub>w</sub> (C;Ctr) = 48 (-2;-9) dB**  
Max dev. 7.4 dB at 125 Hz

Evaluation based on laboratory measurement results obtained by an engineering method:

C <sub>50-3150</sub> = -6 dB	C <sub>50-5000</sub> = -5 dB	C <sub>100-5000</sub> = -1 dB
C <sub>50-3150</sub> = -16 dB	C <sub>50-5000</sub> = -16 dB	C <sub>100-5000</sub> = -9 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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