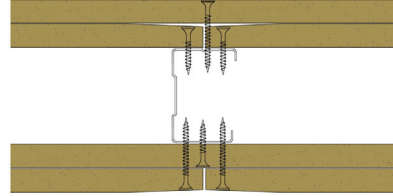


## 50-S-57 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,  
with 2x Siniat GTEC 12.5mm Standard Board 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).

- **BRE Report P102396-1011C**

Refer to Speedline Specification Clause

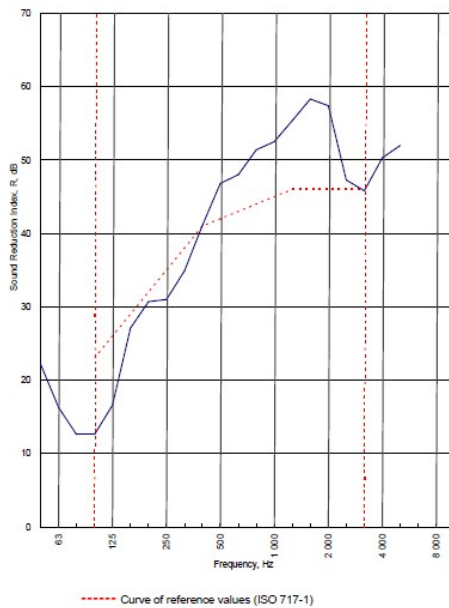
**102 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**42 R<sub>w</sub>dB**, Date Tested or Assessed Against - 26/07/2011

Test Code:  
H17501AA  
Test Date:  
26/07/2011

Freq. Hz	R dB
50	22.2
63	16.3
80	12.6
100	12.6
125	16.6
160	27.1
200	30.7
250	31.0
315	34.9
400	41.1
500	46.8
630	48.0
800	51.4
1 000	52.5
1 250	55.4
1 600	58.3
2 000	57.4
2 500	47.3
3 150	45.8
4 000	50.3
5 000	52.0
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997 **R<sub>w</sub> (C;Ctr) = 42 (-4;-11) dB**  
 Max dev. 10.4 dB at 100 Hz

Evaluation based on laboratory measurement results obtained by an engineering method:	C <sub>50-3150</sub> = -5 dB	C <sub>50-5000</sub> = -4 dB	C <sub>100-5000</sub> = -3 dB
	C <sub>1,50-3150</sub> = -14 dB	C <sub>1,50-5000</sub> = -14 dB	C <sub>1,100-5000</sub> = -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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