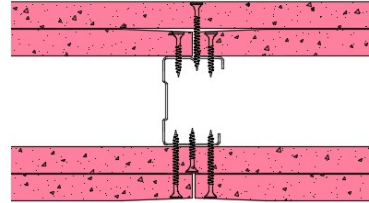


## 50-S-62 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,  
with 2x Siniat GTEC 15mm Fire 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:

120/120 Minutes (Integrity/Insulation).

**BTC 17593FA - BRE Report P102396-1011C**

Refer to Speedline Specification Clause

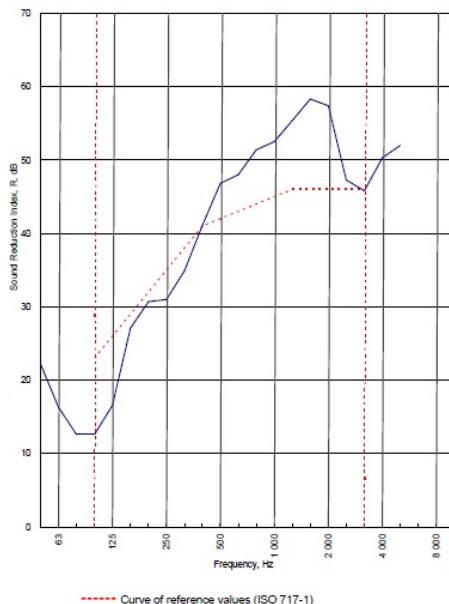
**112 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**42  $R_w$ dB**, Date Tested or Assessed Against - 50-S-57

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			
<b><math>R_w (C;Ctr) = 42 (-4;-11) \text{ dB}</math></b>			
Max dev. 10.4 dB at 100 Hz			
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-3150} = -5 \text{ dB}$	$C_{50-5000} = -4 \text{ dB}$	$C_{100-5000} = -3 \text{ dB}$
	$C_{1,50-3150} = -14 \text{ dB}$	$C_{1,50-5000} = -14 \text{ dB}$	$C_{1,100-5000} = -11 \text{ dB}$

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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