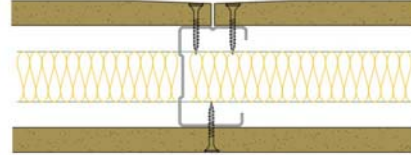


## 50-S-64(25) - SPEEDLINE System Data Sheet

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,  
with Siniat GTEC 12.5mm E Board 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:

NA/NA Minutes (Integrity/Insulation).

- BRE Report P102396-1000C

Refer to Speedline Specification Clause

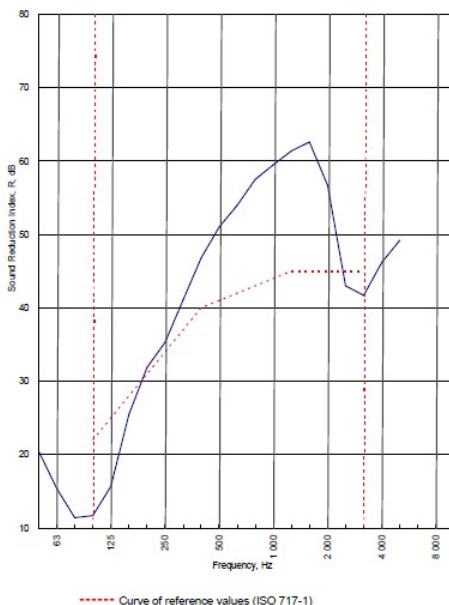
77 mm. (At Base Track, Excluding Finishes)

Medium - Annexes A-F

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

Test Code:	H17507AA
Test Date:	28/07/2011

Freq. Hz	R dB
50	20.5
63	15.4
80	11.4
100	11.7
125	15.7
160	25.5
200	31.9
250	35.3
315	41.1
400	46.8
500	51.0
630	54.0
800	57.5
1 000	59.5
1 250	61.4
1 600	62.6
2 000	56.7
2 500	43.0
3 150	41.7
4 000	46.2
5 000	49.2
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 41 (-4;-11) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-150} = -5$ dB	$C_{50-5000} = -4$ dB	$C_{100-5000} = -3$ dB
	$C_{1,50-2150} = -13$ dB	$C_{1,50-5000} = -13$ dB	$C_{1,100-5000} = -11$ 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

BTC 17507A: Page 9 of 11

