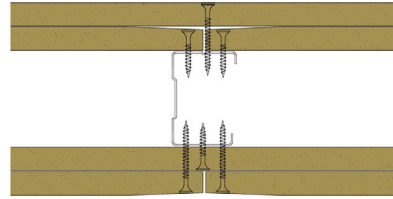


## 50-B-57 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,  
with 2x BG Gyproc 12.5mm WallBoard 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 - 12/10/2011 & BRE Report P102396-1011A**

**Refer to Speedline Specification Clause**

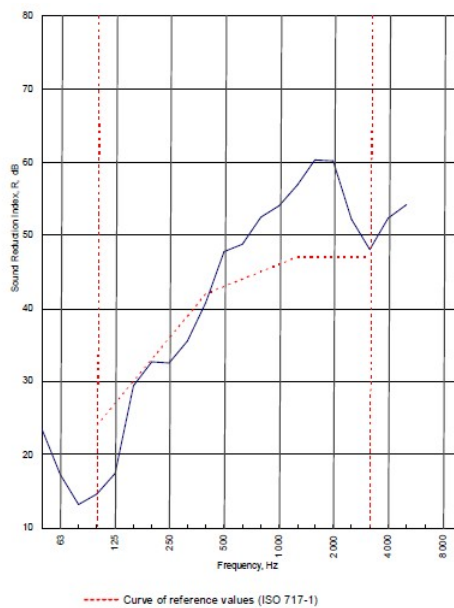
**102 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**43  $R_w$ dB**, Date Tested or Assessed Against - 11/07/2011


Test Code:  
H17474AA  
Test Date:  
12/07/2011


Freq. Hz	R dB
50	23.6
63	17.3
80	13.2
100	14.6
125	17.5
160	29.4
200	32.7
250	32.5
315	35.5
400	40.8
500	47.8
630	48.8
800	52.5
1000	54.0
1250	56.8
1600	60.3
2000	60.1
2500	52.1
3150	48.0
4000	52.3
5000	54.1
6300	
8000	
10000	





Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 43 (-4;-11) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-500} = -5$ dB	$C_{50-2000} = -4$ dB	$C_{100-5000} = -3$ dB
	$C_{50-1000} = -13$ dB	$C_{50-4000} = -13$ dB	$C_{50-10000} = -11$ 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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