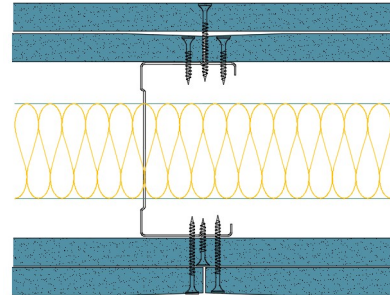


## AS92-B-160(50) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 92mm Acoustic 'C' Stud Partition  
 @600mm Ctrs, with 2x BG Gyproc 15mm  
 SoundBloc each side, 50mm 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:

**90/90 Minutes** (Integrity/Insulation).

**BTC 17440F - BRE Report P102396-1011A**

**Refer to Speedline Specification Clause**

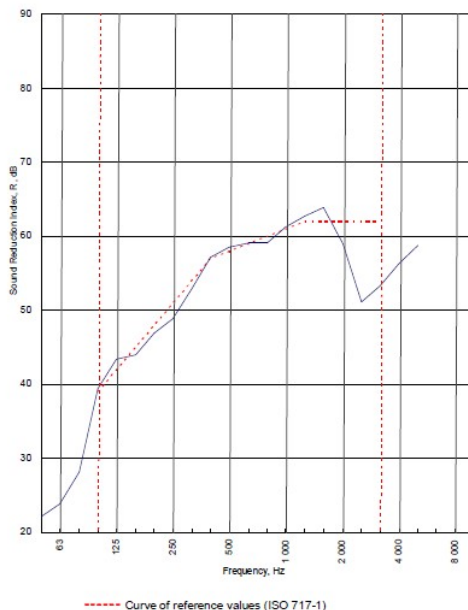
**154 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**58  $R_w$ dB, -5Ctr** Date Tested or Assessed Against - 05/02/2013

Test Code:	H18048AA
Test Date:	05/02/2013

Freq. Hz	R dB
50	22.1
63	23.9
80	28.2
100	39.4
125	43.4
160	44.0
200	47.0
250	48.9
315	53.0
400	57.2
500	58.5
630	59.1
800	59.1
1 000	61.3
1 250	62.8
1 600	63.9
2 000	59.0
2 500	51.1
3 150	53.3
4 000	56.4
5 000	58.8
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 58 (-3;-5) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method.	Max dev. 10.9 dB at 2 500 Hz		
	$C_{50-3150}$ = -5 dB	$C_{50-5000}$ = -5 dB	$C_{100-5000}$ = -3 dB
	$C_{7,50-3150}$ = -16 dB	$C_{7,50-5000}$ = -16 dB	$C_{7,100-5000}$ = -5 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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