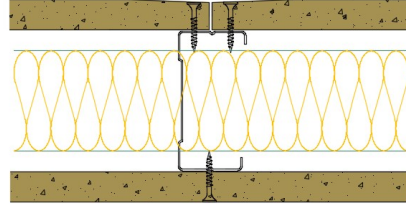


## PSHD70-B-63(50) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm Heavy Duty 'C' Stud Partition  
@600mm Ctrs, with BG Gyproc 15mm DuraLine  
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:

**60/60 Minutes** (Integrity/Insulation).

**BTC 17435F - BRE Report P102396-1011A**

**Refer to Speedline Specification Clause**

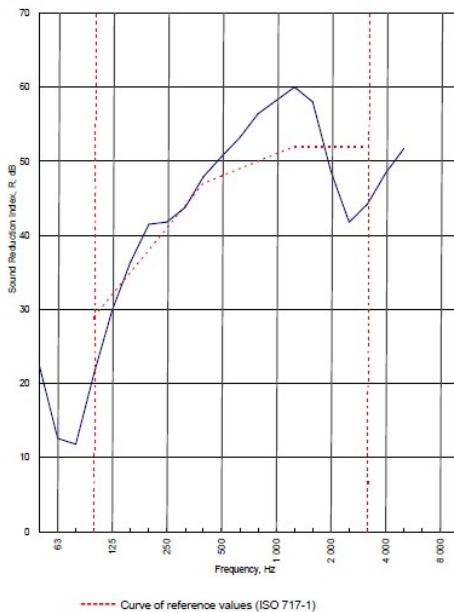
**102 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**48  $R_w$  dB**, Date Tested or Assessed Against - 29/06/2010


Test Code:  
H16909CA  
Test Date:  
29/06/2010


Freq. Hz	R dB
50	22.4
63	12.6
80	11.8
100	21.4
125	29.9
160	36.4
200	41.5
250	41.8
315	43.8
400	47.9
500	50.6
630	53.2
800	56.4
1000	58.2
1250	60.0
1600	58.0
2000	48.6
2500	41.8
3150	44.2
4000	48.4
5000	51.7
6300	
8000	
10000	





Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 48 (-3;-8) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-3150} = -7$ dB	$C_{50-5000} = -6$ dB	$C_{100-5000} = -2$ dB
	$C_{10,50-3150} = -18$ dB	$C_{10,50-5000} = -18$ dB	$C_{10,100-5000} = -8$ 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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