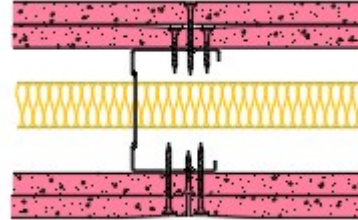


## AS70-B-161(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm Acoustic 'C' Stud Partition  
 @600mm Ctrs, with 2x BG Gyproc 12.5mm  
 FireLine 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:

**120/120 Minutes (Integrity/Insulation).**

**BTC 17442F - BRE Report P102396-1011A**

**Refer to Speedline Specification Clause**

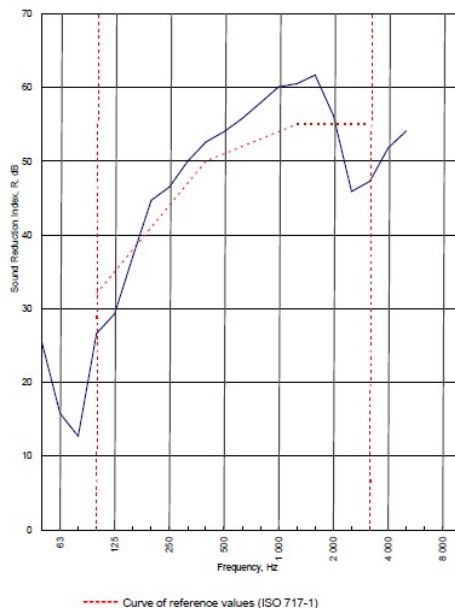
**122 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**51  $R_{w,dB}$** , Date Tested or Assessed Against - 26/07/2011

Test Code:  
H17499AA  
Test Date:  
26/07/2011

Freq. Hz	R dB
50	25.5
63	15.8
80	12.7
100	25.6
125	29.3
160	37.1
200	44.7
250	46.5
315	50.0
400	52.6
500	54.0
630	55.8
800	57.9
1 000	60.1
1 250	60.5
1 600	61.7
2 000	56.2
2 500	45.9
3 150	47.3
4 000	51.8
5 000	54.1
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997  **$R_w (C;Ctr) = 51 (-3;-7) dB$**   
 Max dev. 9.1 dB at 2 500 Hz

Evaluation based on laboratory measurement results obtained by an engineering method:

$C_{50-3150} = -8 dB$	$C_{50-5000} = -7 dB$	$C_{100-5000} = -2 dB$
$C_{50-3150} = -19 dB$	$C_{50-5000} = -19 dB$	$C_{50-100-5000} = -7 dB$

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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