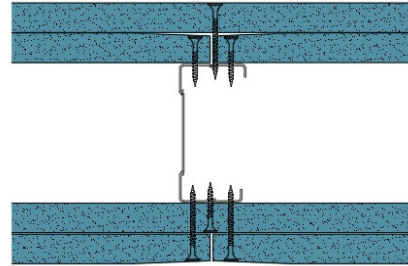


## 70-S-60 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,  
with 2x Siniat GTEC 15mm dB Board 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:

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

**BRE-P100456-1085 - BRE Report P102396-1011C**

**Refer to Speedline Specification Clause**

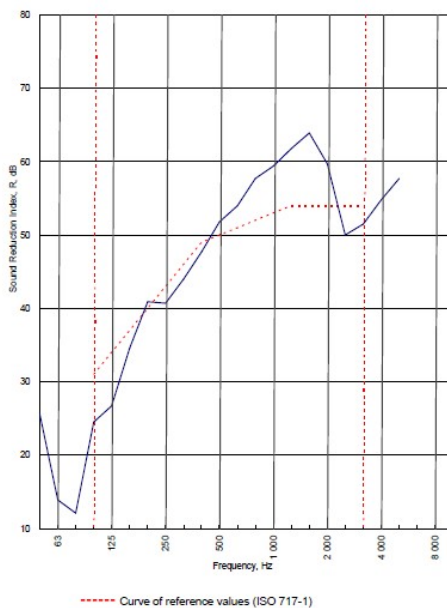
**132 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**50  $R_{w,dB}$** , Date Tested or Assessed Against - 70-S-59


Test Code:  
**H17510AA**  
Test Date:  
**29/07/2011**


Freq. Hz	R dB
50	25.6
63	13.9
80	12.1
100	24.5
125	26.7
160	34.6
200	40.9
250	40.7
315	44.0
400	47.7
500	51.8
630	54.0
800	57.7
1 000	59.4
1 250	61.8
1 600	63.9
2 000	59.7
2 500	50.0
3 150	51.5
4 000	54.8
5 000	57.7
6 300	
8 000	
10 000	






Rating according to BS EN ISO 717-1:1997  **$R_w$  (C;Ctr) = 50 (-3;-9) dB**  
 Max dev. 7.3 dB at 125 Hz  
 Evaluation based on laboratory measurement results obtained by an engineering method:  
 $C_{90-150} = -8$  dB     $C_{50-500} = -7$  dB     $C_{100-500} = -2$  dB  
 $C_{10-50-315} = -19$  dB     $C_{10-50-2000} = -19$  dB     $C_{10-100-4000} = -9$  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 17510A: Page 8 of 10



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Tel: 0114 231 8030.

Email: [enquiries@speedlinedrywall.co.uk](mailto:enquiries@speedlinedrywall.co.uk)

(As per the requirements set out in ISO/IEC 17025:2017 regarding test data the results stated have been carried out by voestalpine Metsec plc as part of the contract to supply Speedline Metal Sections to SIG Plc)