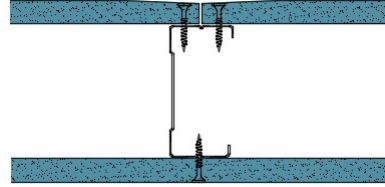


## 70-S-53 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,  
with Siniat GTEC 12.5mm 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:

**30/30 Minutes** (Integrity/Insulation).

**BRE 269826 - BRE Report P102396-1011C**

**Refer to Speedline Specification Clause**

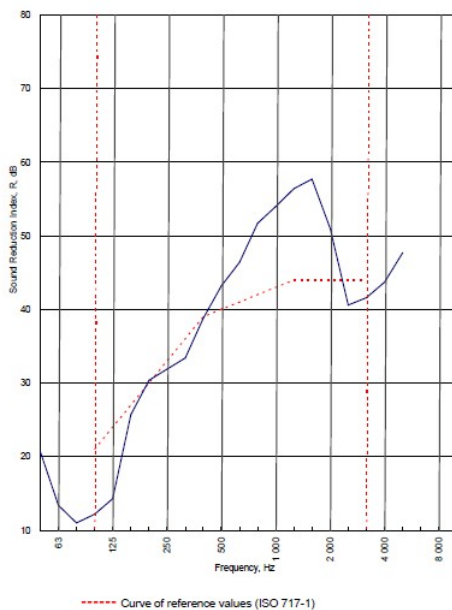
**97 mm.** (At Base Track, Excluding Finishes)

**Medium - Annexes A-F**

**40  $R_w$ dB**, Date Tested or Assessed Against - 29/07/2011


Test Code:  
H17509AA  
Test Date:  
29/07/2011


Freq. Hz	R dB
50	20.7
63	13.4
80	11.0
100	12.2
125	14.3
160	25.7
200	30.4
250	31.9
315	33.4
400	38.8
500	43.2
630	46.4
800	51.7
1000	54.0
1250	56.4
1600	57.7
2000	51.0
2500	40.6
3150	41.6
4000	43.7
5000	47.7
6300	
8000	
10000	





Rating according to BS EN ISO 717-1:1997	<b><math>R_w</math> (C;Ctr) = 40 (-4;-10) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-3150}$ = -5 dB	$C_{50-5000}$ = -4 dB	$C_{100-5000}$ = -3 dB
	$C_{1,50-3150}$ = -13 dB	$C_{1,50-5000}$ = -13 dB	$C_{2,100-5000}$ = -10 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 17509A: Page 8 of 10



SPEEDLINE Drywall Systems, Adsetts House, 16 Europa View, Sheffield Business Park, Sheffield, S9 1XH.

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)