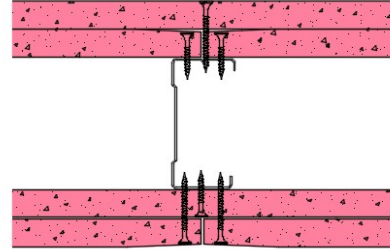


## 70-S-62 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

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

120/120 Minutes (Integrity/Insulation).

**BTC 17593FA - BRE Report P102396-1011C**

**Refer to Speedline Specification Clause**

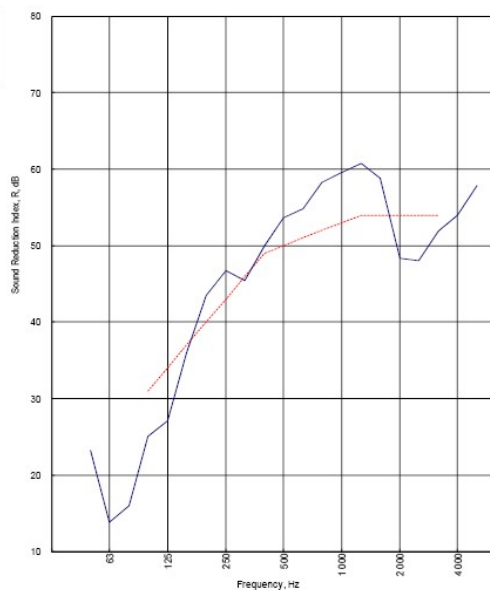
**132 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**50  $R_w$ dB**, Date Tested or Assessed Against - 07/07/2016

Test Code:  
H19646AA  
Test Date:  
07/07/2016

Freq. Hz	R dB
50	23.2
63	13.8
80	16.0
100	25.1
125	27.1
160	35.9
200	43.5
250	46.7
315	45.4
400	50.0
500	53.6
630	54.8
800	58.3
1 000	59.6
1 250	60.7
1 600	58.8
2 000	48.3
2 500	48.0
3 150	51.9
4 000	54.0
5 000	57.8



Rating according to BS EN ISO 717-1:2013  **$R_w$  (C;Ctr) = 50 (-2;-8) dB**  
Max dev. 6.9 dB at 125 Hz

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

$C_{50-3150}$ = -6 dB	$C_{50-8000}$ = -5 dB	$C_{100-6300}$ = -2 dB
$C_{Tr,50-3150}$ = -17 dB	$C_{Tr,50-8000}$ = -17 dB	$C_{Tr,100-6300}$ = -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: Voestalpine Metsec Plc Dry Lining



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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)