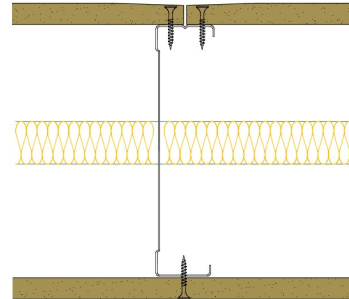


## 146-S-51(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm Ctrs, with Siniat GTEC 12.5mm Standard Board 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:

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

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

**Refer to Speedline Specification Clause**

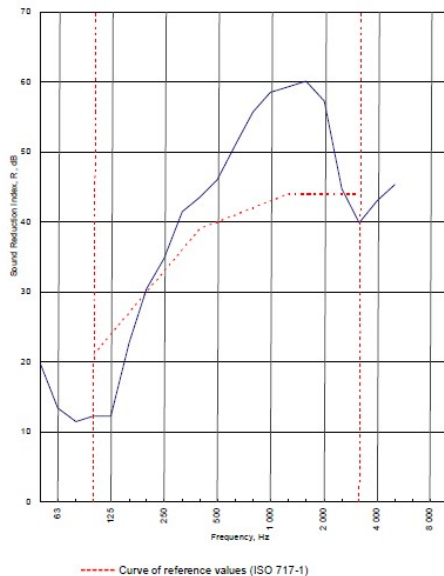
**173 mm.** (At Base Track, Excluding Finishes)

**Medium - Annexes A-F**

**40  $R_w$ dB**, Date Tested or Assessed Against - 70-S-51(25)

Test Code:  
**H17461AA**  
Test Date:  
**01/07/2011**

Freq. Hz	R dB
50	19.7
63	13.4
80	11.4
100	12.3
125	12.3
160	22.7
200	30.4
250	34.8
315	41.5
400	43.5
500	46.0
630	51.0
800	55.7
1 000	58.6
1 250	59.3
1 600	60.1
2 000	57.3
2 500	44.8
3 150	39.9
4 000	43.1
5 000	45.3
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997  
 **$R_w$  (C;Ctr) = 40 (-5;-11) dB**  
 Max dev. 11.7 dB at 125 Hz

$C_{50-150}$ = -5 dB	$C_{50-500}$ = -4 dB	$C_{100-500}$ = -4 dB
$C_{125-150}$ = -13 dB	$C_{125-500}$ = -13 dB	$C_{125-500}$ = -11 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 Hespsec Division

BTC 17461A: Page 9 of 11

