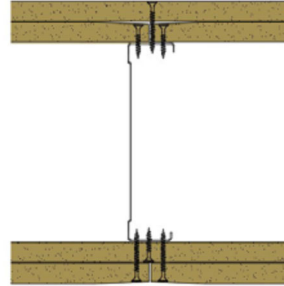


146-B-58 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm
Ctrs, with 2x BG Gyproc 15mm WallBoard 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:

60/60 Minutes (Integrity/Insulation).

BTC 13282F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

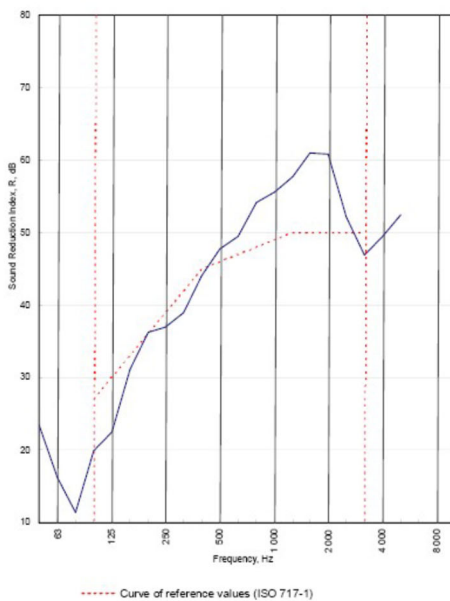
208 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

46 R_w dB, Date Tested or Assessed Against - 70-B-57

Test Code:
H17486AA
Test Date:
14/07/2011

Freq. Hz	R dB
50	23.4
63	16.2
80	11.4
100	19.9
125	22.4
160	31.1
200	36.2
250	36.9
315	39.0
400	44.0
500	47.7
630	49.5
800	54.2
1 000	55.6
1 250	57.7
1 600	61.0
2 000	60.9
2 500	52.1
3 150	46.9
4 000	49.4
5 000	52.4
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997 **R_w (C;Ctr) = 46 (-3;-9) dB**
Max dev. 7.6 dB at 125 Hz

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

C_{50-315} = -5 dB	C_{50-500} = -5 dB	$C_{100-5000}$ = -2 dB
C_{50-315} = -16 dB	C_{50-500} = -16 dB	$C_{50-100-5000}$ = -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 Hepsac Division

BTC 17486A: Page 8 of 10

