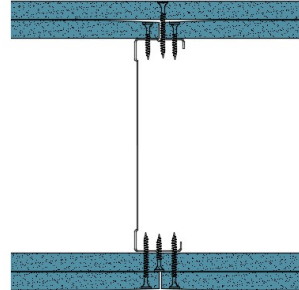


146-S-59 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm
Ctrs, with 2x 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:

60/60 Minutes (Integrity/Insulation).

BRE 277436C - BRE Report P102396-1011C

Refer to Speedline Specification Clause

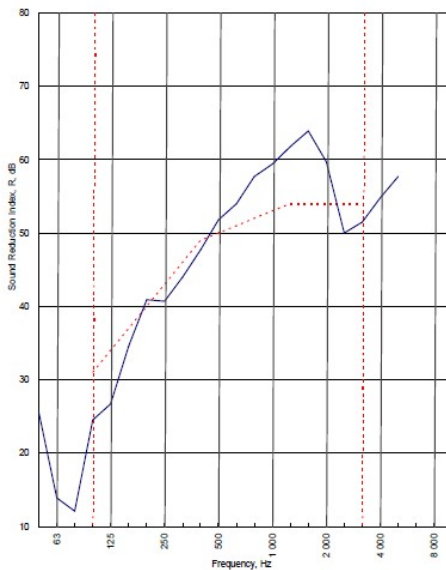
198 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

50 R_wdB, 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:
 C₅₀₋₃₁₅₀ = -8 dB C₅₀₋₅₀₀₀ = -7 dB C₁₀₀₋₅₀₀₀ = -2 dB
 C₅₀₋₃₁₅₀ = -19 dB C₅₀₋₅₀₀₀ = -19 dB C₁₀₀₋₅₀₀₀ = -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 Hepsec Division

BTC 17510A: Page 8 of 10

