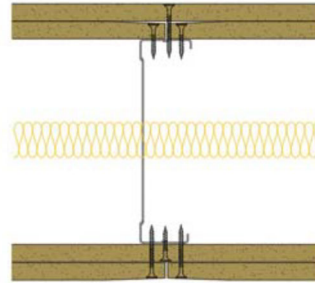


146-B-57(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm
Ctrs, with 2x BG Gyproc 12.5mm WallBoard 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:

60/60 Minutes (Integrity/Insulation).

BTC 17580F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

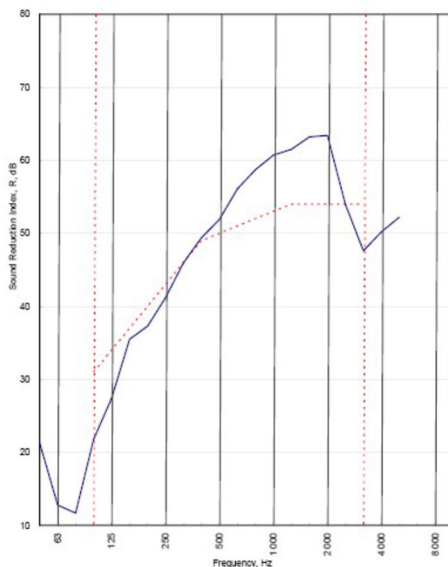
198 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

50 R_w dB, Date Tested or Assessed Against - 70-B-57(25)

Test Code:
H17485AA
Test Date:
14/07/2011

Freq. Hz	R dB
50	21.3
63	12.8
80	11.7
100	21.8
125	27.4
160	35.5
200	37.3
250	41.2
315	46.0
400	49.4
500	51.9
630	56.1
800	58.7
1 000	60.7
1 250	61.5
1 600	63.2
2 000	63.4
2 500	54.0
3 150	47.6
4 000	50.2
5 000	52.2
6 300	
8 000	
10 000	



----- Curve of reference values (ISO 717-1)

Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 50 (-3;-10) dB		
Evaluation based on laboratory measurement results obtained by an engineering method.	Max dev. 9.2 dB at 100 Hz		
	$C_{50-3150} = -8$ dB	$C_{50-5000} = -8$ dB	$C_{100-5000} = -3$ dB
	$C_{7-50-3150} = -20$ dB	$C_{7-50-5000} = -20$ dB	$C_{7-100-5000} = -10$ 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

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