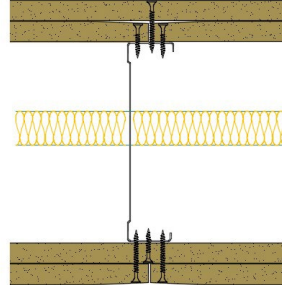


146-K-58(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm Ctrs, with 2x Knauf 15mm 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).

BRE 208596 - BRE Report P102396-1011B

Refer to Speedline Specification Clause

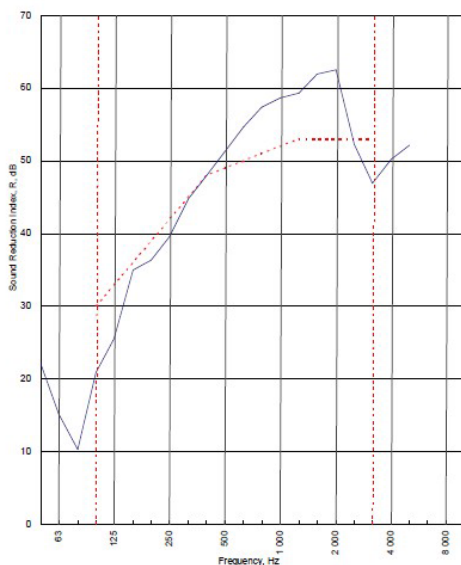
208 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

49 R_w dB, Date Tested or Assessed Against - 70-K-57(25)

Test Code:
H17516AA
Test Date:
08/08/2011

Freq. Hz	R dB
50	22.1
63	15.2
80	10.3
100	20.9
125	25.6
160	35.0
200	36.4
250	39.5
315	44.8
400	48.0
500	51.3
630	54.7
800	57.4
1 000	58.7
1 250	59.3
1 600	62.0
2 000	62.5
2 500	52.3
3 150	46.9
4 000	50.2
5 000	52.2
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 49 (-3;-10) dB		
Evaluation based on laboratory measurement results obtained by an engineering method:	C_{50-100} = -8 dB	C_{50-500} = -7 dB	$C_{100-500}$ = -3 dB
	$C_{9,50-315}$ = -19 dB	$C_{9,50-500}$ = -19 dB	$C_{9,100-500}$ = -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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