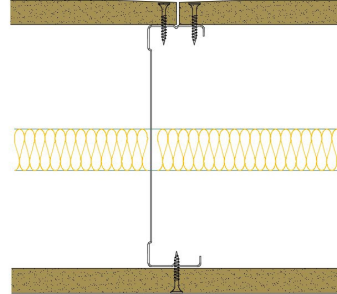


146-K-52(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

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

30/30 Minutes (Integrity/Insulation).

BTC 17436F - BRE Report P102396-1011B

Refer to Speedline Specification Clause

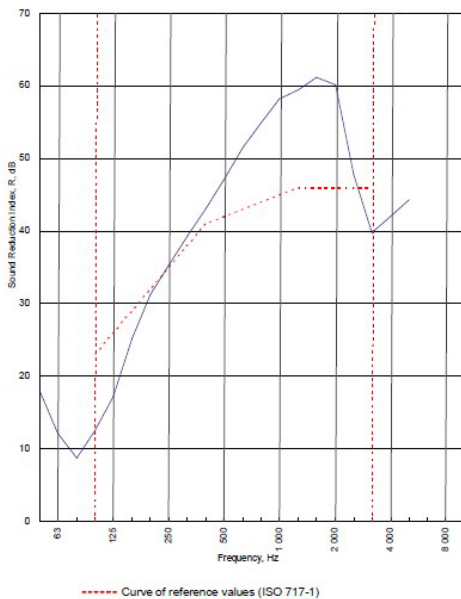
178 mm. (At Base Track, Excluding Finishes)

Heavy - Annexes A-F

42 R_w dB, Date Tested or Assessed Against - 70-K-51(25)

Test Code:
H17514AA
Test Date:
08/08/2011

Freq. Hz	R dB
50	18.1
63	12.1
80	8.7
100	12.5
125	17.1
160	25.2
200	31.3
250	35.2
315	39.3
400	43.1
500	47.1
630	51.5
800	54.9
1000	58.2
1250	59.5
1600	61.2
2000	60.1
2500	47.7
3150	39.8
4000	42.0
5000	44.3
6300	
8000	
10000	



Rating according to BS EN ISO 717-1:1997
 R_w (C;Ctr) = 42 (-4;-11) dB
 Max dev. 10.5 dB at 100 Hz

Evaluation based on laboratory measurement results obtained by an engineering method:	C_{50-150} = -6 dB	C_{50-500} = -5 dB	$C_{100-500}$ = -4 dB
	C_{50-150} = -16 dB	C_{50-500} = -16 dB	$C_{100-500}$ = -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 Hepsac Division

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