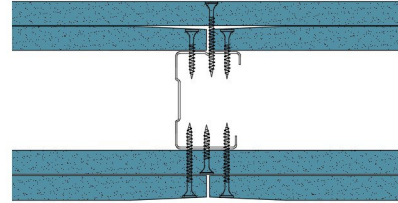


50-K-59 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,
with 2x Knauf 12.5mm Soundshield Plus 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 208596 - BRE Report P102396-1011B

Refer to Speedline Specification Clause

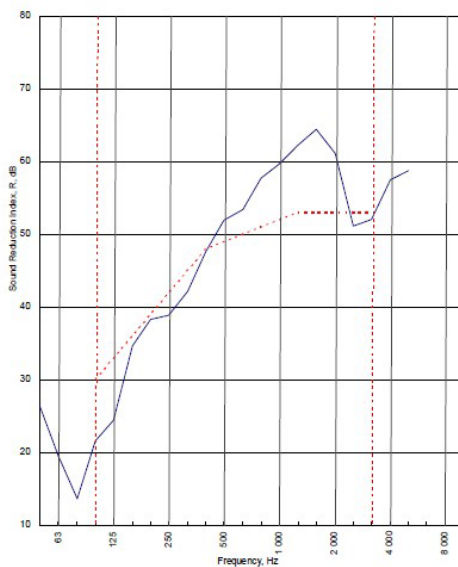
102 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

49 R_wdB, Date Tested or Assessed Against - 20/06/2011


Test Code:
H17386HA
Test Date:
20/06/2011


Freq. Hz	R dB
50	26.2
63	19.5
80	13.6
100	21.6
125	24.4
160	34.6
200	38.3
250	38.9
315	42.1
400	47.6
500	51.9
630	53.4
800	57.7
1 000	59.7
1 250	62.3
1 600	64.4
2 000	61.1
2 500	51.1
3 150	52.0
4 000	57.5
5 000	58.8
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.	Max dev. 8.6 dB at 125 Hz
	C ₅₀₋₃₁₅₀ = -6 dB C ₅₀₋₅₀₀₀ = -5 dB C ₁₀₀₋₅₀₀₀ = -2 dB
	C _{9,50-3150} = -16 dB C _{9,50-5000} = -16 dB C _{9,100-5000} = -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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