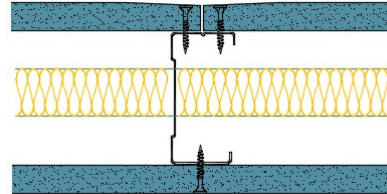


70-B-54(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,
with BG Gyproc 15mm SoundBloc 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 17439F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

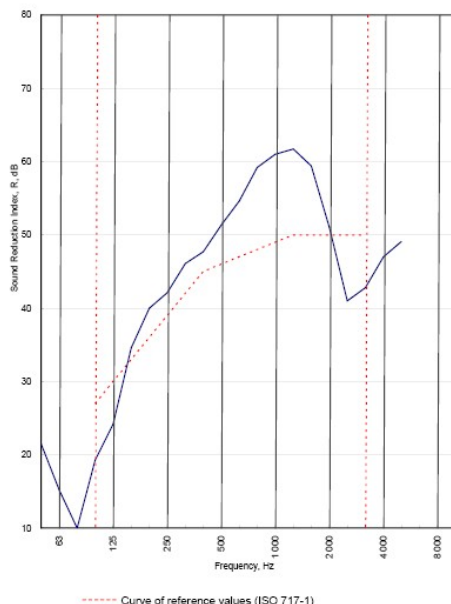
102 mm. (At Base Track, Excluding Finishes)

Heavy - Annexes A-F

46 R_wdB, Date Tested or Assessed Against - 14/07/2011

Test Code:	H17487AA
Test Date:	14/07/2011

Freq. Hz	R dB
50	21.5
63	15.2
80	10.0
100	19.3
125	24.2
160	34.6
200	40.0
250	42.1
315	46.1
400	47.7
500	51.3
630	54.6
800	59.2
1 000	61.0
1 250	61.7
1 600	59.4
2 000	51.0
2 500	41.0
3 150	42.8
4 000	47.0
5 000	49.1
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 46 (-3;-8) dB		
Evaluation based on laboratory measurement results obtained by an engineering method:	C ₅₀₋₃₁₅₀ = -6 dB	C ₅₀₋₅₀₀ = -5 dB	C ₁₀₀₋₅₀₀₀ = -2 dB
	C ₅₋₅₀₋₃₁₅₀ = -17 dB	C ₅₋₅₀₋₅₀₀ = -17 dB	C ₁₋₁₀₀₋₅₀₀₀ = -8 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 17487A: Page 9 of 11



