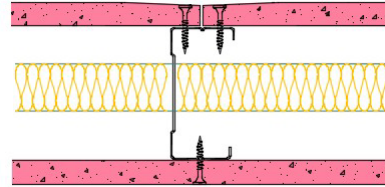


70-K-55(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,
with Knauf 12.5mm Fire Panel 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

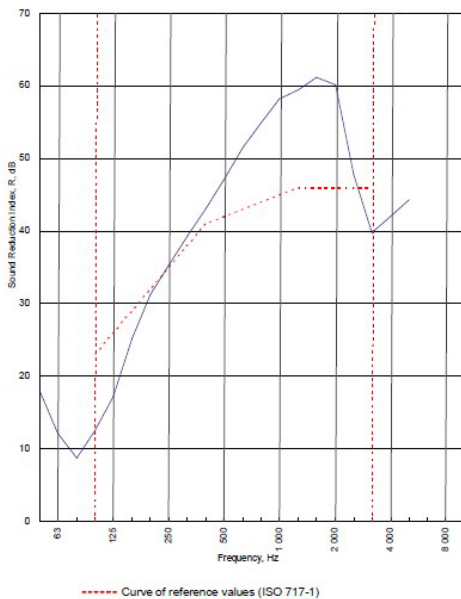
97 mm. (At Base Track, Excluding Finishes)

Medium - 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_{50-315} = -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 Hepsec Division

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