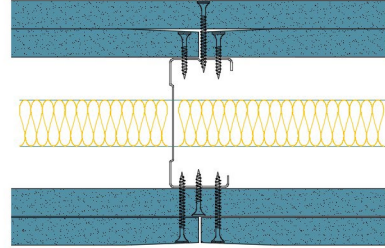


70-K-60(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,
with 2x Knauf 15mm Soundshield Plus 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:

120/120 Minutes (Integrity/Insulation).

BMT/FEP/F14077 - BRE Report P102396-1011B

Refer to Speedline Specification Clause

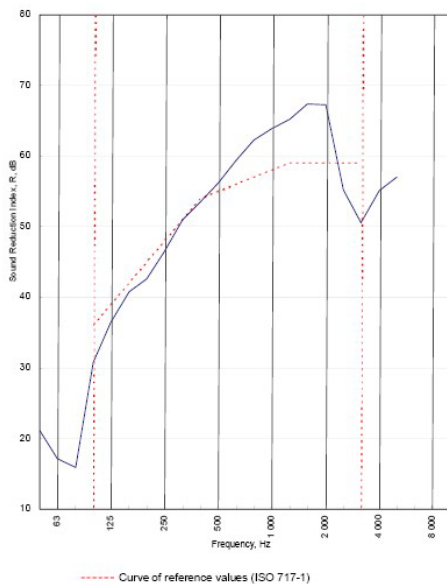
132 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

55 R_w dB, Date Tested or Assessed Against - 70-K-59(25)


Test Code:
H17427AA
Test Date:
27/06/2011


Freq. Hz	R dB
50	21.1
63	17.1
80	15.9
100	30.8
125	36.5
160	40.8
200	42.6
250	46.5
315	51.0
400	53.5
500	56.2
630	59.4
800	62.3
1 000	63.9
1 250	65.2
1 600	67.4
2 000	67.3
2 500	55.2
3 150	50.6
4 000	55.1
5 000	57.0
6 300	
8 000	
10 000	





Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 55 (-2;-7) dB		
Evaluation based on laboratory measurement results obtained by an engineering method.	Max dev. 8.4 dB at 3 150 Hz		
	$C_{125-1500}$ = -9 dB	$C_{50-5000}$ = -8 dB	$C_{100-5000}$ = -1 dB
	$C_{9-50-3150}$ = -20 dB	$C_{150-5000}$ = -20 dB	$C_{100-5000}$ = -7 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 Hespsec Division

BTC 17427A: Page 9 of 11

