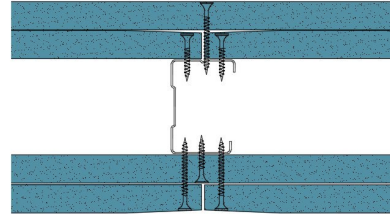


50-K-60 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,
with 2x Knauf 15mm 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:

120/120 Minutes (Integrity/Insulation).

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

Refer to Speedline Specification Clause

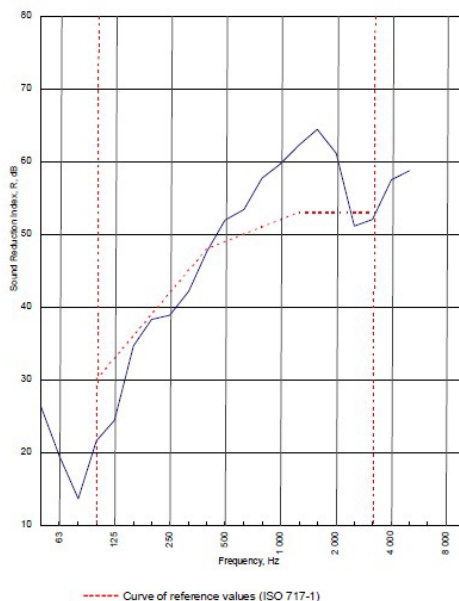
112 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

49 R_w dB, Date Tested or Assessed Against - 50-K-59

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**
 Max dev. 8.6 dB at 125 Hz
 Evaluation based on laboratory measurement results obtained by an engineering method:
 $C_{50-3150}$ = -6 dB $C_{50-5000}$ = -5 dB $C_{100-5000}$ = -2 dB
 $C_{50-3150}$ = -16 dB $C_{50-5000}$ = -16 dB $C_{50-100-5000}$ = -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



BTC 17412A: Page 8 of 10

SPEEDLINE Drywall Systems, Adsetts House, 16 Europa View, Sheffield Business Park, Sheffield, S9 1XH.

Tel: 0114 231 8030.

Email: enquiries@speedlinedrywall.co.uk

(As per the requirements set out in ISO/IEC 17025:2017 regarding test data the results stated have been carried out by voestalpine Metsec plc as part of the contract to supply Speedline Metal Sections to SIG Plc)