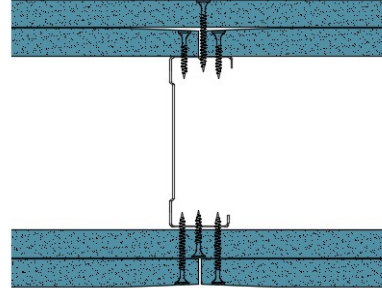


92-B-60 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 92mm 'C' Stud Partition @600mm Ctrs,
with 2x BG Gyproc 15mm SoundBloc 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:

90/90 Minutes (Integrity/Insulation).

BTC 17440F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

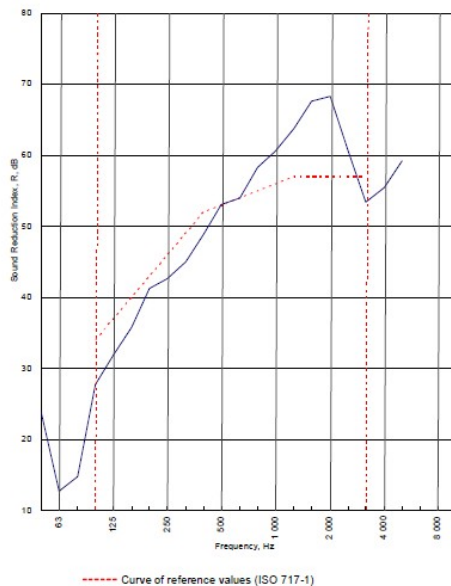
154 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

53 R_w dB, Date Tested or Assessed Against - 70-B-59


Test Code:
H17456AA
Test Date:
29/06/2011


| Freq. Hz | R dB |
|----------|------|
| 50 | 23.7 |
| 63 | 12.7 |
| 80 | 14.7 |
| 100 | 27.7 |
| 125 | 31.8 |
| 160 | 35.8 |
| 200 | 41.3 |
| 250 | 42.6 |
| 315 | 45.0 |
| 400 | 48.9 |
| 500 | 53.1 |
| 630 | 54.0 |
| 800 | 58.3 |
| 1000 | 60.6 |
| 1250 | 63.8 |
| 1600 | 67.6 |
| 2000 | 68.3 |
| 2500 | 60.7 |
| 3150 | 53.4 |
| 4000 | 55.5 |
| 5000 | 59.2 |
| 6300 | |
| 8000 | |
| 10000 | |





| | | | |
|---|---|--------------------------|--------------------------|
| Rating according to BS EN ISO 717-1:1997 | R_w (C;Ctr) = 53 (-2;-8) dB | | |
| Evaluation based on laboratory measurement results obtained by an engineering method: | Max dev. 6.3 dB at 100 Hz | | |
| | $C_{50-3150}$ = -9 dB | $C_{50-5000}$ = -8 dB | $C_{100-5000}$ = -2 dB |
| | $C_{1,50-3150}$ = -21 dB | $C_{1,50-5000}$ = -21 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 17456A: Page 8 of 10



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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)