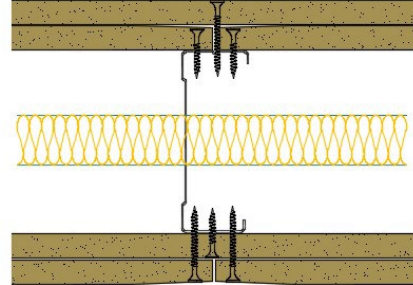


## 92-K-57(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 92mm 'C' Stud Partition @600mm Ctrs,  
with 2x Knauf 12.5mm Wallboard 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:

**60/60 Minutes** (Integrity/Insulation).

**BRE 208596 - BRE Report P102396-1011B**

**Refer to Speedline Specification Clause**

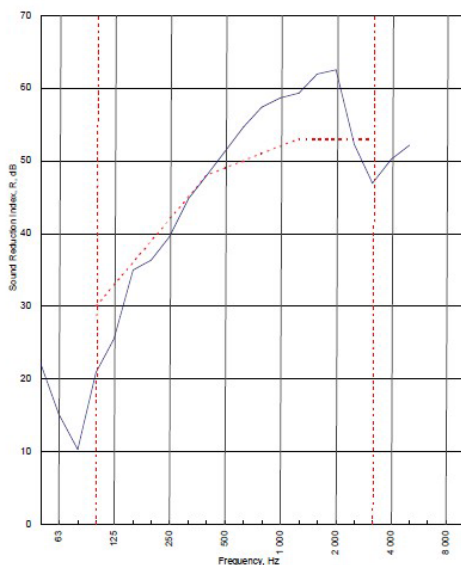
**142 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**49 R<sub>w</sub>dB**, Date Tested or Assessed Against - 70-K-57(25)

Test Code:  
**H17516AA**  
Test Date:  
**08/08/2011**

| Freq. Hz | R dB |
|----------|------|
| 50       | 22.1 |
| 63       | 15.2 |
| 80       | 10.3 |
| 100      | 20.9 |
| 125      | 25.6 |
| 160      | 35.0 |
| 200      | 36.4 |
| 250      | 39.5 |
| 315      | 44.8 |
| 400      | 48.0 |
| 500      | 51.3 |
| 630      | 54.7 |
| 800      | 57.4 |
| 1 000    | 58.7 |
| 1 250    | 59.3 |
| 1 600    | 62.0 |
| 2 000    | 62.5 |
| 2 500    | 52.3 |
| 3 150    | 46.9 |
| 4 000    | 50.2 |
| 5 000    | 52.2 |
| 6 300    |      |
| 8 000    |      |
| 10 000   |      |



|   |   |                                 |                                  |
|---|---|---------------------------------|----------------------------------|
| Rating according to BS EN ISO 717-1:1997  | <b>R<sub>w</sub> (C;Ctr) = 49 (-3;-10) dB</b> |                                 |                                  |
| Evaluation based on laboratory measurement results obtained by an engineering method: | C <sub>50-100</sub> = -8 dB                   | C <sub>50-500</sub> = -7 dB     | C <sub>100-500</sub> = -3 dB     |
|   | C <sub>9,50-3150</sub> = -19 dB               | C <sub>9,50-5000</sub> = -19 dB | C <sub>9,100-5000</sub> = -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 17516A: Page 9 of 11



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Tel: 0114 231 8030.

Email: [enquiries@speedlinedrywall.co.uk](mailto: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)