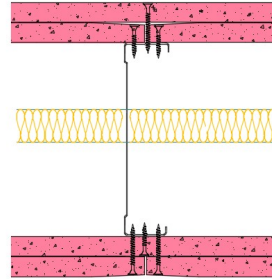


## 146-S-62(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 146mm 'C' Stud Partition @600mm  
Ctrs, with 2x Siniat GTEC 15mm Fire Board 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).**

**BTC 17593FA - BRE Report P102396-1011C**

**Refer to Speedline Specification Clause**

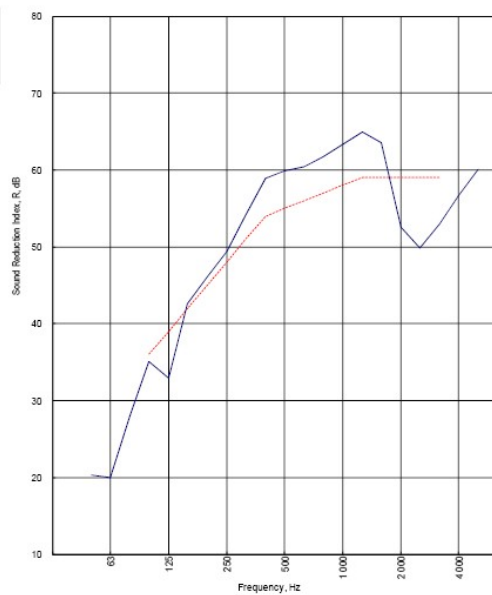
**208 mm.** (At Base Track, Excluding Finishes)

**Severe - Annexes A-F**

**55  $R_w$ dB**, Date Tested or Assessed Against - 08/07/2016

Test Code:  
H19647AA  
Test Date:  
08/07/2016

| Freq. Hz | R dB |
|----------|------|
| 50       | 20.3 |
| 63       | 20.0 |
| 80       | 28.1 |
| 100      | 35.1 |
| 125      | 32.9 |
| 160      | 42.6 |
| 200      | 46.1 |
| 250      | 49.4 |
| 315      | 54.2 |
| 400      | 58.9 |
| 500      | 59.9 |
| 630      | 60.4 |
| 800      | 61.7 |
| 1 000    | 63.3 |
| 1 250    | 64.9 |
| 1 600    | 63.6 |
| 2 000    | 52.5 |
| 2 500    | 49.9 |
| 3 150    | 53.0 |
| 4 000    | 56.7 |
| 5 000    | 60.1 |



|   |   |                           |                           |
|---|---|---------------------------|---------------------------|
| Rating according to BS EN ISO 717-1:2013  | <b><math>R_w</math> (C;Ctr) = 55 (-2;-6) dB</b> |                           |                           |
| Evaluation based on laboratory measurement results obtained by an engineering method: | Max dev. 9.1 dB at 2 500 Hz                     |                           |                           |
|   | $C_{50-3150}$ = -5 dB                           | $C_{50-5000}$ = -4 dB     | $C_{100-5000}$ = -2 dB    |
|   | $C_{tr,50-3150}$ = -15 dB                       | $C_{tr,50-5000}$ = -15 dB | $C_{tr,100-5000}$ = -6 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: Voestalpine Metsec Plc Dry Lining

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