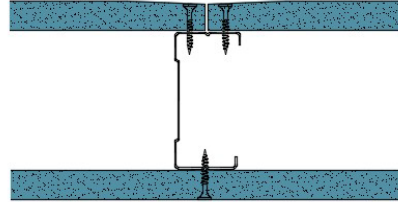


70-K-54 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'C' Stud Partition @600mm Ctrs,
with 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:

60/60 Minutes (Integrity/Insulation).

BRE 285458 - BRE Report P102396-1011B

Refer to Speedline Specification Clause

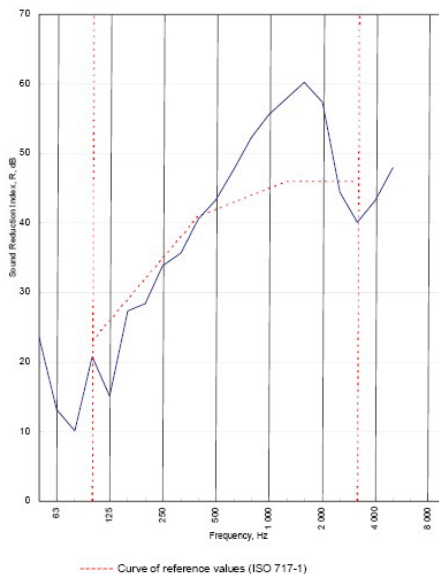
102 mm. (At Base Track, Excluding Finishes)

Severe - Annexes A-F

42 R_w dB, Date Tested or Assessed Against - 70-K-53

Test Code:
H17446AA
Test Date:
28/06/2011

Freq. Hz	R dB
50	23.5
63	13.2
80	10.1
100	20.8
125	15.1
160	27.4
200	28.4
250	33.8
315	35.7
400	40.6
500	43.3
630	47.7
800	52.3
1 000	55.6
1 250	58.0
1 600	60.2
2 000	57.4
2 500	44.5
3 150	40.1
4 000	43.3
5 000	48.0
6 300	
8 000	
10 000	



Rating according to
BS EN ISO 717-1:1997

R_w (C;Ctr) = 42 (-4;-9) dB

Max dev. 10.9 dB at 125 Hz

Evaluation based on laboratory
measurement results obtained by
an engineering method:

$C_{50-500} = -5$ dB $C_{50-1000} = -4$ dB $C_{100-5000} = -3$ dB
 $C_{160-3150} = -14$ dB $C_{160-5000} = -14$ dB $C_{160-8000} = -9$ 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 17446A: 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)