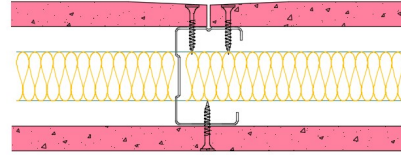


50-B-55(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 50mm 'C' Stud Partition @600mm Ctrs,
with BG Gyproc 12.5mm FireLine 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:

30/30 Minutes (Integrity/Insulation).

BTC 17439F - BRE Report P102396-1011A

Refer to Speedline Specification Clause

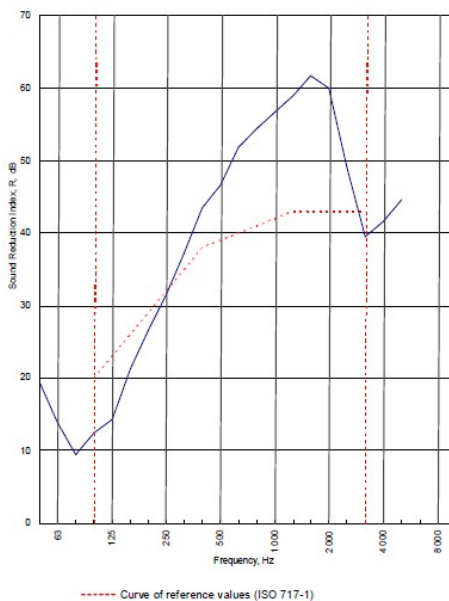
77 mm. (At Base Track, Excluding Finishes)

Medium - Annexes A-F

39 R_w dB, Date Tested or Assessed Against - 50-B-51(25)

Test Code:
H17472AA
Test Date:
11/07/2011

Freq. Hz	R dB
50	19.5
63	13.9
80	9.4
100	12.4
125	14.3
160	21.3
200	26.7
250	31.4
315	37.2
400	43.4
500	46.6
630	51.9
800	54.4
1 000	56.7
1 250	58.9
1 600	61.7
2 000	59.9
2 500	49.0
3 150	39.4
4 000	41.6
5 000	44.6
6 300	
8 000	
10 000	



Rating according to BS EN ISO 717-1:1997	R_w (C;Ctr) = 39 (-3;-10) dB		
	Max dev. 8.7 dB at 125 Hz		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{50-2150}$ = -4 dB	C_{50-500} = -3 dB	$C_{150-500}$ = -2 dB
	$C_{50-2150}$ = -13 dB	C_{50-500} = -13 dB	$C_{150-500}$ = -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



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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)