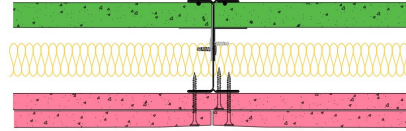


SE70-B-61(25) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 70mm 'I' Stud Shaft Encasement
 @600mm Ctrs, with 2x BG Gyproc 12.5mm
 FireLine, BG Gyproc 19mm CoreBoard, 25mm APR



System Performance Breakdown

Fire Resistance:
 BS476 Part 22:1987:

90-Int/90-Ins from Shaft side
90-Int/60-Ins from Landing side
 See Note 2 below

Test Ref & Date or Applied Ref & Report:
 Max Height:
 Thickness:

BRE 302288 - BRE Report P102396-1012A
Refer to Speedline Specification Clause

Duty Grade: BS 5234: Part 2:1992:

97 mm. (At Base Track, Excluding Finishes)

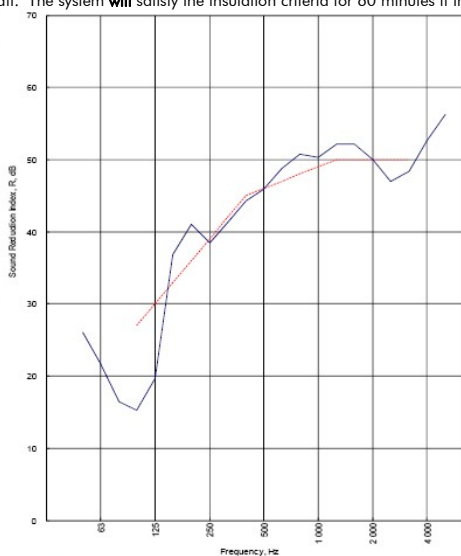
Sound Insulation:

Severe - Annexes A-F
46 R_wdB, Date Tested or Assessed Against - SE60-B-61(25)

²Note: When exposed to fire on the landing side, these systems did not satisfy the insulation performance criteria on the framing members. Therefore, when specifying this system, it must be checked with the relevant approval authority, for the building project that this is acceptable, perhaps on the grounds that there will be no combustible material in close proximity, of the framing sections within the shaft. The system **will** satisfy the insulation criteria for 60 minutes if the studs are included.





Test Code:
 H18568AA
 Test Date:
 08/01/2014

Freq. Hz	R dB
50	26.1
63	21.7
80	16.4
100	15.3
125	19.7
160	36.8
200	41.0
250	38.5
315	41.3
400	44.3
500	45.9
630	48.8
800	50.8
1000	50.3
1250	52.2
1600	52.1
2000	50.0
2500	47.0
3150	48.4
4000	52.6
5000	56.3



Rating according to BS EN ISO 717-1:2013	R_w (C;Ctr) = 46 (-5;-12) dB		
Evaluation based on laboratory measurement results obtained by an engineering method:	C ₅₀₀₋₃₁₅₀ = -6 dB	C ₅₀₀₋₈₀₀ = -5 dB	C ₁₀₀₋₅₀₀₀ = -4 dB
	C _{11,50-3150} = -14 dB	C _{11,50-800} = -14 dB	C _{11,100-5000} = -12 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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