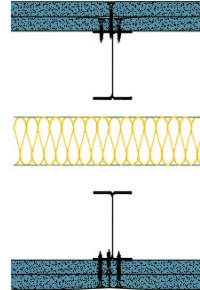


## TWI70-B-60(50)(210) - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

Twin SPEEDLINE 70mm 'I' Stud Partition @600mm Ctrs, with 2x BG Gyproc 15mm SoundBloc each side, 50mm APR



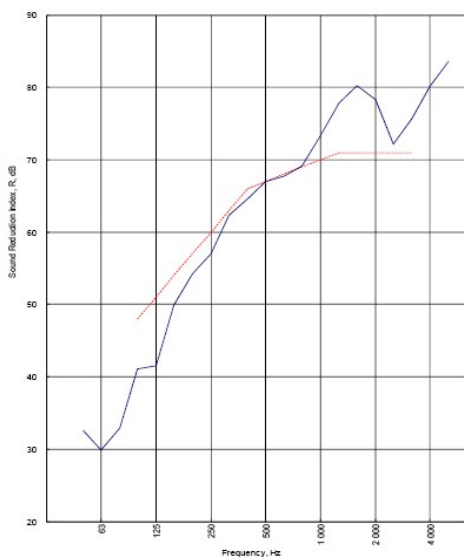
### System Performance Breakdown

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:

**90/90 Minutes** (Integrity/Insulation).  
**BTC 17440F - BRE Report P102396-1011A**  
 Refer to Speedline Specification Clause  
**210 mm.** (At Base Track, Excluding Finishes)  
**Severe - Annexes A-F**  
**67  $R_w$ dB, -10Ctr** Date Tested or Assessed Against - TWI50-B-60(50)(200)





Test Code:  
 H18791AA  
 Test Date:  
 02/09/2014

Freq. Hz	R dB
50	32.6
63	29.9
80	32.9
100	41.1
125	41.5
160	49.9
200	54.2
250	57.0
315	62.3
400	64.6
500	67.0
630	67.7
800	69.1
1000	73.3
1250	77.9
1600	80.2
2000	78.3
2500	72.1
3150	75.7
4000	80.1
5000	83.6



Rating according to BS EN ISO 717-1:2013	<b><math>R_w</math> (C;Ctr) = 67 (-4;-10) dB</b>		
Evaluation based on laboratory measurement results obtained by an engineering method:	$C_{500-3150} = -7$ dB	$C_{500-5000} = -6$ dB	$C_{1000-5000} = -3$ dB
	$C_{11,50-3150} = -18$ dB	$C_{11,50-5000} = -18$ dB	$C_{11,100-5000} = -10$ 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 18791A: Page 9 of 12