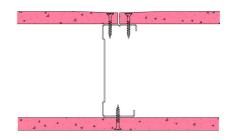


92-K-55 - SPEEDLINE System Data Sheet - Version V1 (24-10-23)

SPEEDLINE 92mm 'C' Stud Partition @600mm Ctrs, with Knauf 12.5mm Fire Panel 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:

30/30 Minutes (Integrity/Insulation).

BTC 17436F - BRE Report P102396-1011B

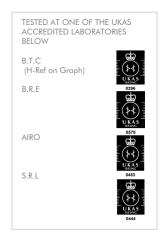
Refer to Speedline Specification Clause

119 mm. (At Base Track, Excluding Finishes) Medium - Annexes A-F

37 RwdB, Date Tested or Assessed Against - 70-K-51

Sound Insulation

			Da	ta Sheet 17							
Test Number ; Client: Test Date: Sample height: Sample width:		22 Hepsec 05/10/2006 1.195 m 1.995 m		Air temperature: Air humidity:	15.9 °C 74 %						
				Receiving room volume Source room volume: Sample weight:	300 m3 59 m3 17.5 kg/m2						
						roduct					
						lentificatio	n:	12.5mm l joints tap		oard either side of 70mm metal C stud	d -
	Sou	ind	80 —		TITI						
Freq		Reduction		Sound Rw							
f	Index, dB			Reduction reference Index curve							
Hz	1/3 Oct	1/1 Oct	70	Index curve	+++++						
50+	19.8										
63+	25.0	19.5	1								
80+	16.9		60		+						
100	9.6										
125	13.7	12.7									
160	20.3		₩ 50								
200	24.1	27.4			1						
250	31.4		ugu -								
315	31.1		20 and Reduction Index	/	7						
400 500	35.9		¥ 40	1.1-1-1	V						
630	42.6	30.1	Rec								
800	47.2	49.4	Pun	1.5							
1000	50.2		S 30								
1250	52.4	1	20 —								
1600	54.1			1 1/1/1							
2000	52.9	46.0			++++						
2500	41.8			1 /							
3150	38.7	41.6	1								
4000	42.6		10		\perp						
5000	48.2										
6300+	53.8	55.6									
+0008	57.5		0								
10000+	56.4		70.00	00 160 250 400 630 1000 1600	2500 4000						
Average	00.5			125 200 315 500 800 1250 200							
100-3150	36.5			Frequency, Hz							
ating accord	37 (-3;-10)dB		000 100 00 00 00 00 00 00 00 00 00 00 00							
				for background							
di deste	nates limi	of mage	rement du	e to background							



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