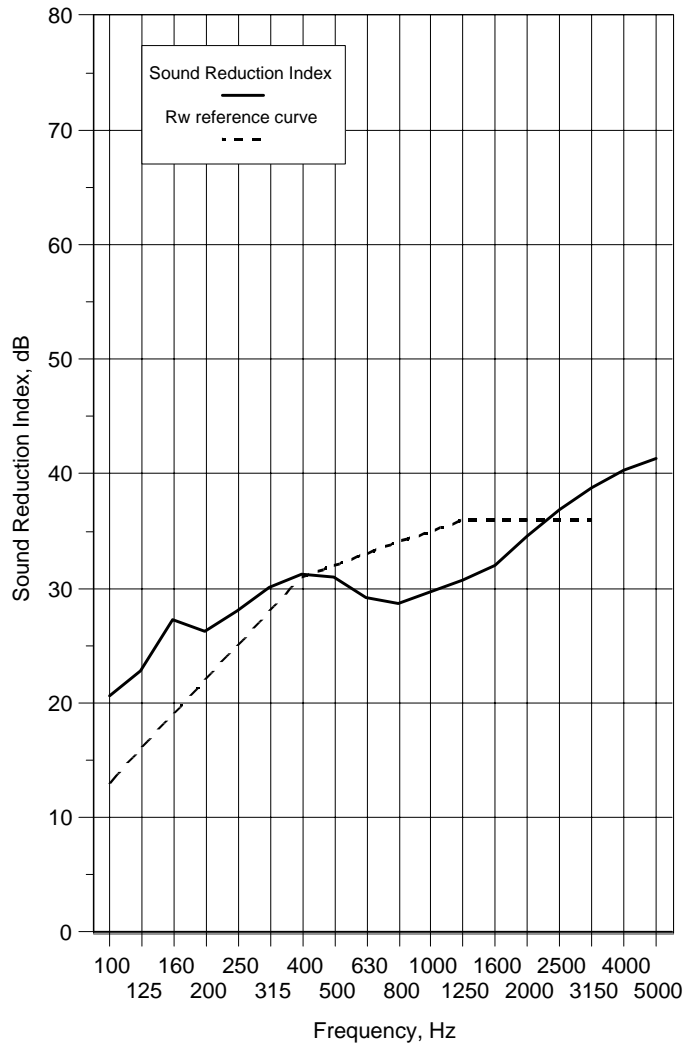


Data Sheet 4

Test Number :	5	Air temperature:	15.9 °C
Client:	Safe Hinge	Air humidity:	60 %
Test Date:	19/09/2008	Receiving room volume:	300 m3
Sample height:	2.2 m	Source room volume:	115 m3
Sample width:	1.01 m	Sample weight:	53.1 kg/m2
Product Identification: Door B - ThermaBlade seal at perimeter & double Firtree Seal at threshold			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	19.2	19.1
63+	18.4	
80+	19.8	
100	20.7	22.8
125	22.8	
160	27.3	
200	26.2	27.8
250	28.1	
315	30.1	
400	31.2	30.3
500	31.0	
630	29.2	
800	28.7	29.6
1000	29.7	
1250	30.7	
1600	32.0	34.1
2000	34.6	
2500	36.9	
3150	38.8	40.0
4000	40.3	
5000	41.4	
6300+	43.4	44.1
8000+	43.7	
10000+	45.3 *	
Average 100-3150	29.9	



Rating according to BS EN ISO 717-1:1997

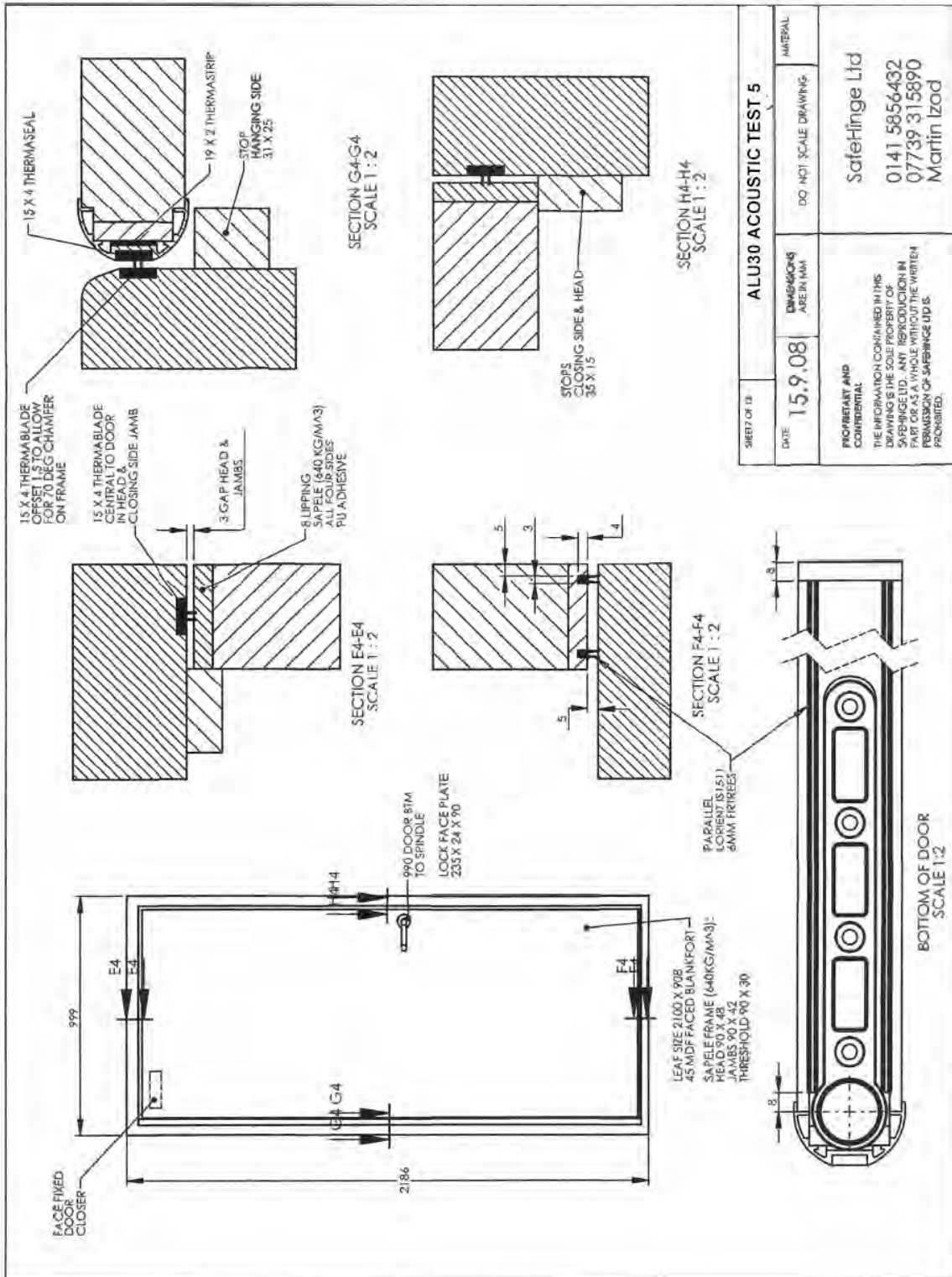
Rw(C;Ctr)= **32 (-1;-2)** dB

Notes : * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6



SHEET 7 OF 13	ALU30 ACOUSTIC TEST 5		MATERIAL
DATE	15.9.08	DIMENSIONS ARE IN MM	DO NOT SCALE DRAWING
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