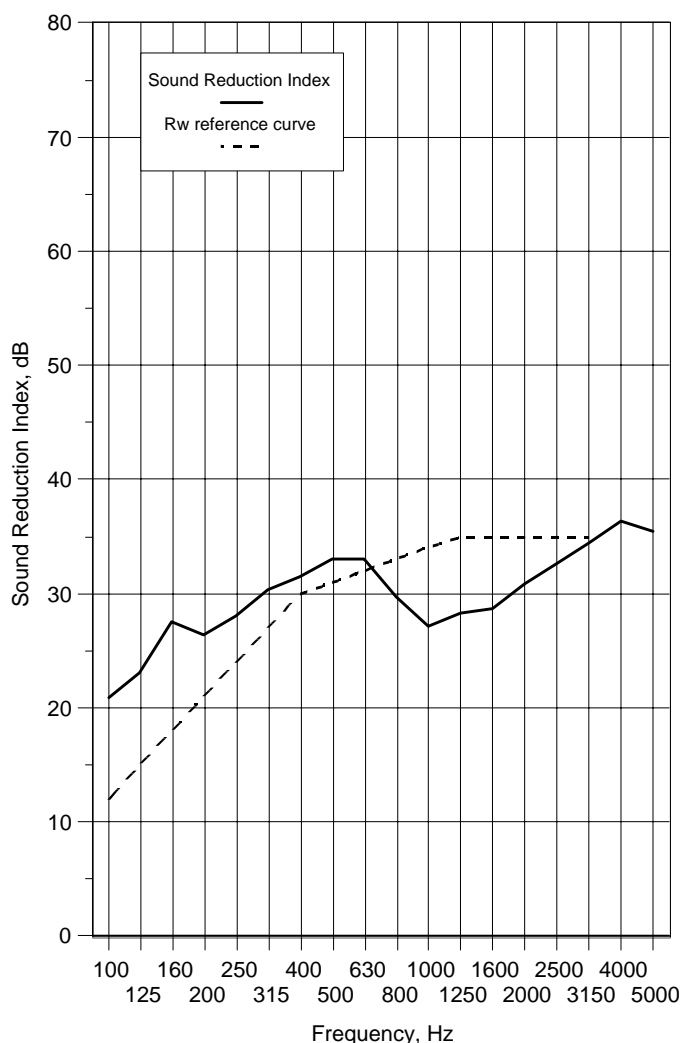


## Data Sheet 10

<b>Test Number :</b>	11	<b>Air temperature:</b>	15.7 °C
<b>Client:</b>	Safe Hinge	<b>Air humidity:</b>	58 %
<b>Test Date:</b>	19/09/2008	<b>Receiving room volume:</b>	300 m <sup>3</sup>
<b>Sample height:</b>	2.2 m	<b>Source room volume:</b>	115 m <sup>3</sup>
<b>Sample width:</b>	1.01 m	<b>Sample weight:</b>	53.1 kg/m <sup>2</sup>
<b>Product Identification:</b>	Door C - ThermaBlade seal at perimeter & NOR 855 seal at threshold		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	18.4	18.2
63+	17.6	
80+	18.6	
100	20.9	23.1
125	23.1	
160	27.5	
200	26.4	28.0
250	28.1	
315	30.4	
400	31.5	32.4
500	33.0	
630	33.0	
800	29.7	28.3
1000	27.2	
1250	28.3	
1600	28.7	30.4
2000	30.9	
2500	32.6	
3150	34.4	35.3
4000	36.4	
5000	35.5	
6300+	39.0	40.4
8000+	40.7	
10000+	42.1	
Average 100-3150	29.1	



Rating according to BS EN ISO 717-1:1997

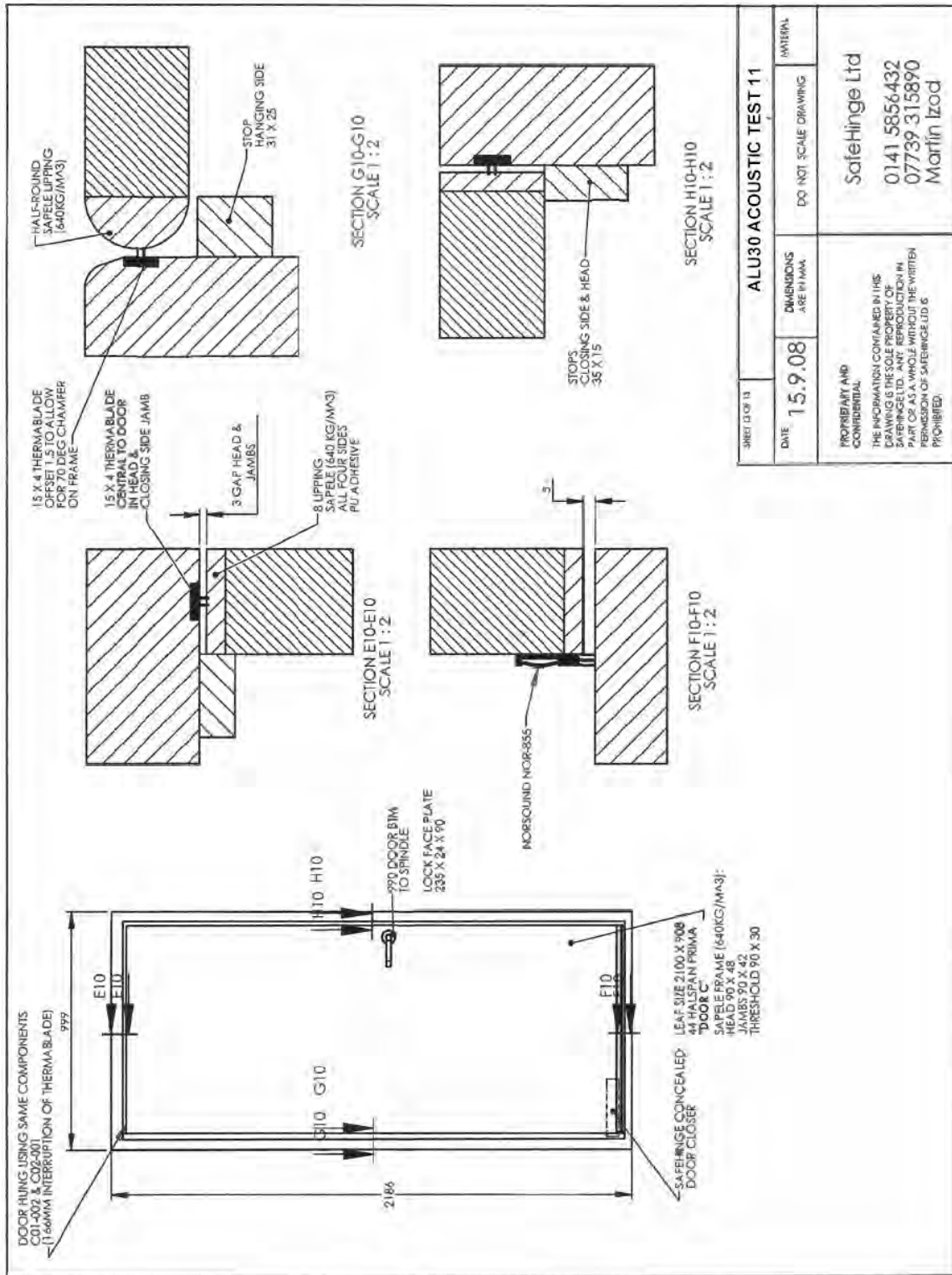
Rw(C;Ctr)= **31 (-1;-2)** dB

Notes : \* designates measurement corrected for background

# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6



ALU30 ACOUSTIC TEST 11			MATERIAL
SHEET 13 OF 13	DATE	DIMENSIONS ARE IN MM	DO NOT SCALE DRAWING
	15.9.08		
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