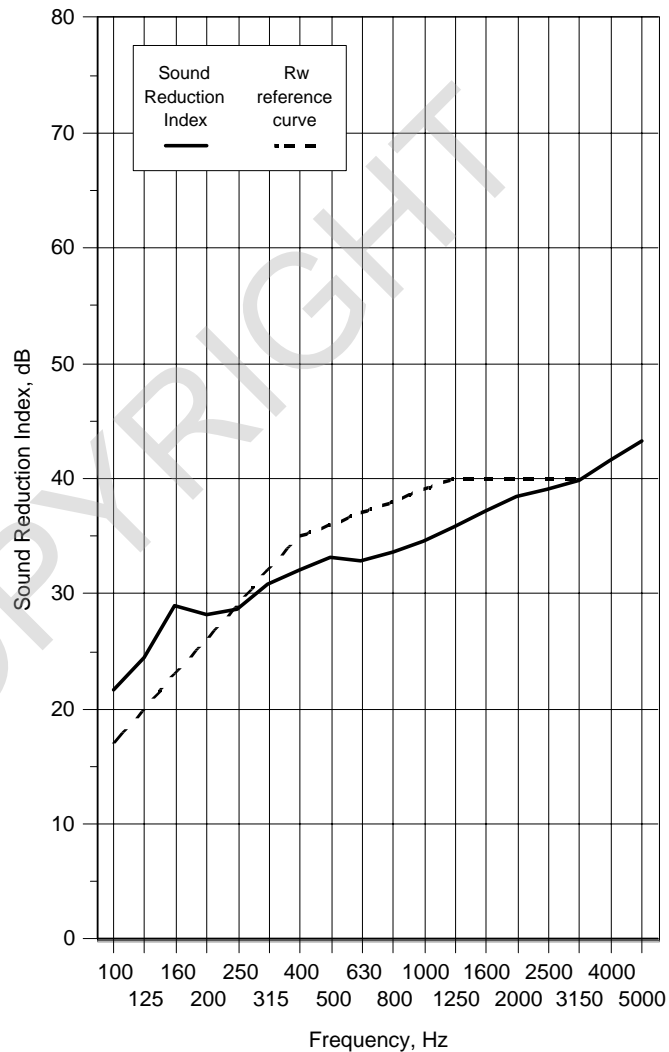


## Data Sheet 8A

<b>Test Number :</b>	24	<b>Air temperature:</b>	13.2 °C
<b>Client:</b>	Lorient	<b>Air humidity:</b>	66 %
<b>Test Date:</b>	26/03/2009	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.057 m	<b>Source room volume:</b>	55 m3
<b>Sample width:</b>	1.042 m	<b>Sample weight:</b>	29.5 kg/m2
<b>Product</b>	54mm Flamebreak glazed		
<b>Identification:</b>	seals = DS, 1212K, 8010		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	25.5	
63+	21.6	22.7
80+	22.0	
100	21.6	
125	24.5	24.1
160	29.0	
200	28.2	
250	28.6	29.1
315	30.8	
400	32.0	
500	33.1	32.6
630	32.9	
800	33.7	
1000	34.6	34.6
1250	35.8	
1600	37.2	
2000	38.4	38.1
2500	39.1	
3150	39.8	
4000	41.6	41.3
5000	43.3	
6300+	45.3	
8000+	44.6	43.8
10000+	42.1	*
Average 100-3150	32.5	



Rating according to BS EN ISO 717-1:1997

R<sub>w</sub>(C;Ctr)= **36 (-1;-3)** dB

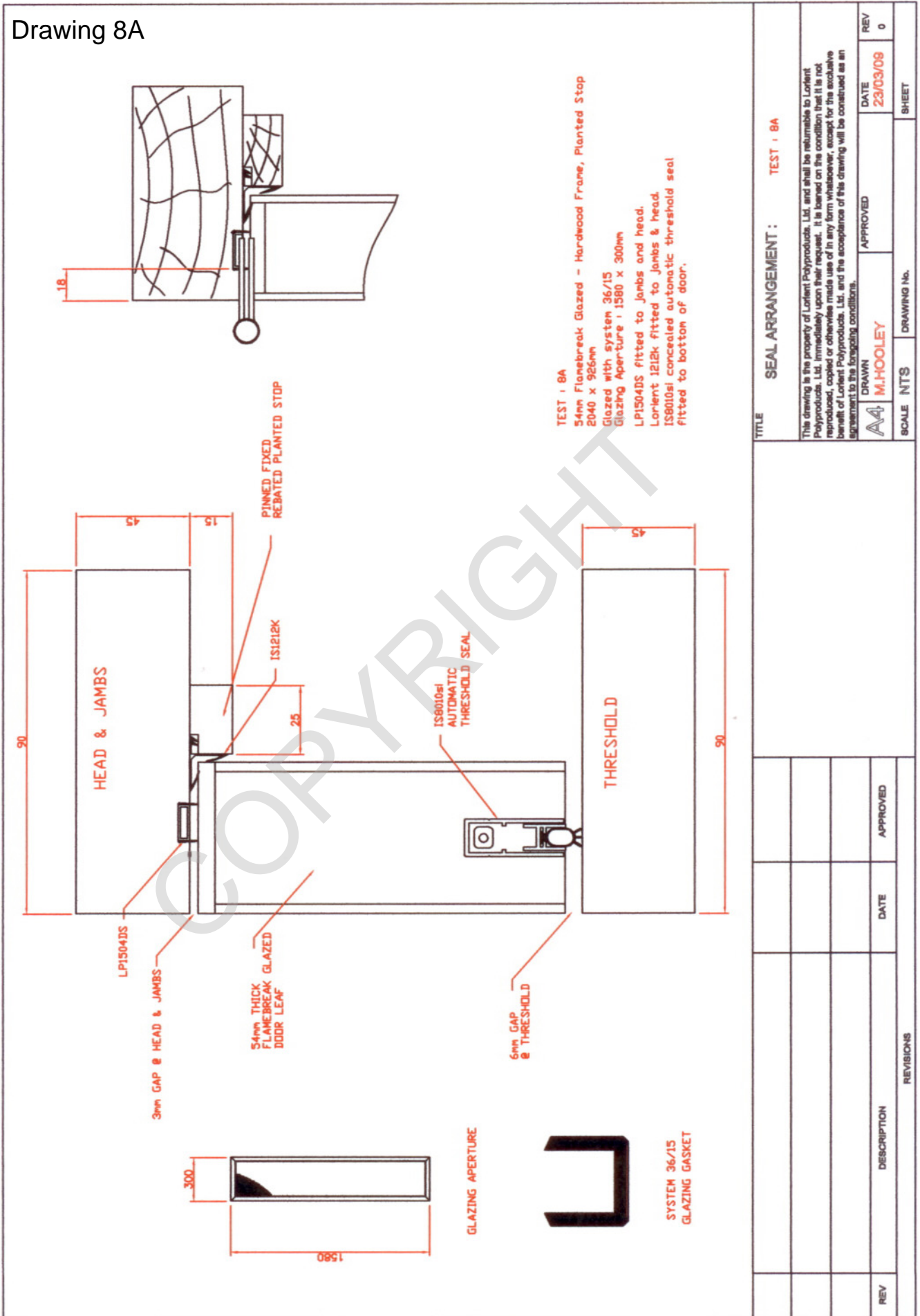
Notes \* designates measurement corrected for background

# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

Drawing 8A



TITLE		SEAL ARRANGEMENT : TEST 1 8A	
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AA	DRAWN	APPROVED	DATE
	M.HOOLEY		23/03/09
SCALE	NTS	DRAWING No.	SHEET
			0
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			