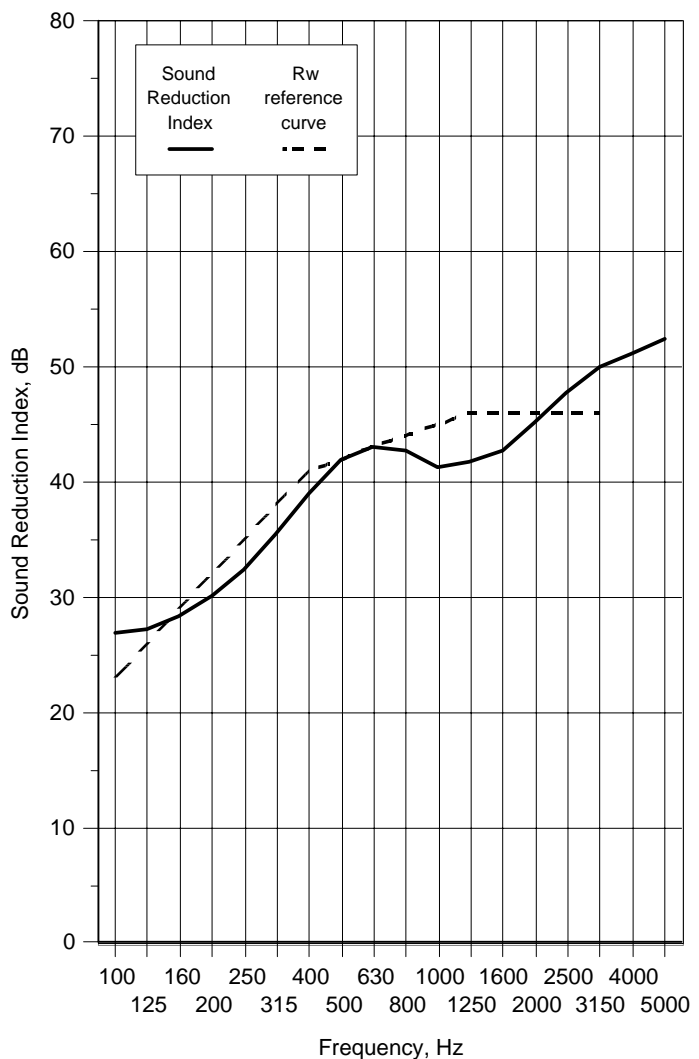


## Data Sheet 9

<b>Test Number :</b>	10	<b>Air temperature:</b>	14.6 °C
<b>Client:</b>	Moralt Tischlerplatten	<b>Air humidity:</b>	56 %
<b>Test Date:</b>	30/03/2010	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.2 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	2 m	<b>Sample weight:</b>	57 kg/m2
<b>Product</b>	FireSound 40 Acoustic panels - 1000kg/m3 density one side		
<b>Identification:</b>	LP1504DS x 2No Jambs and head plus meeting stile. IS1511 (6mm) x 2No and LP1504 at bottom of doors with IS4020si threshold plate.		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	29.3	26.9
63+	28.3	
80+	24.6	
100	26.9	27.5
125	27.3	
160	28.4	
200	30.1	32.1
250	32.4	
315	35.4	
400	39.0	41.0
500	41.9	
630	43.1	
800	42.7	41.9
1000	41.3	
1250	41.7	
1600	42.8	44.8
2000	45.1	
2500	47.8	
3150	50.0	51.1
4000	51.2	
5000	52.4	
6300+	55.3	54.6
8000+	55.1 #	
10000+	53.7 #	
Average 100-3150	38.5	



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **42 (-1;-4) dB**

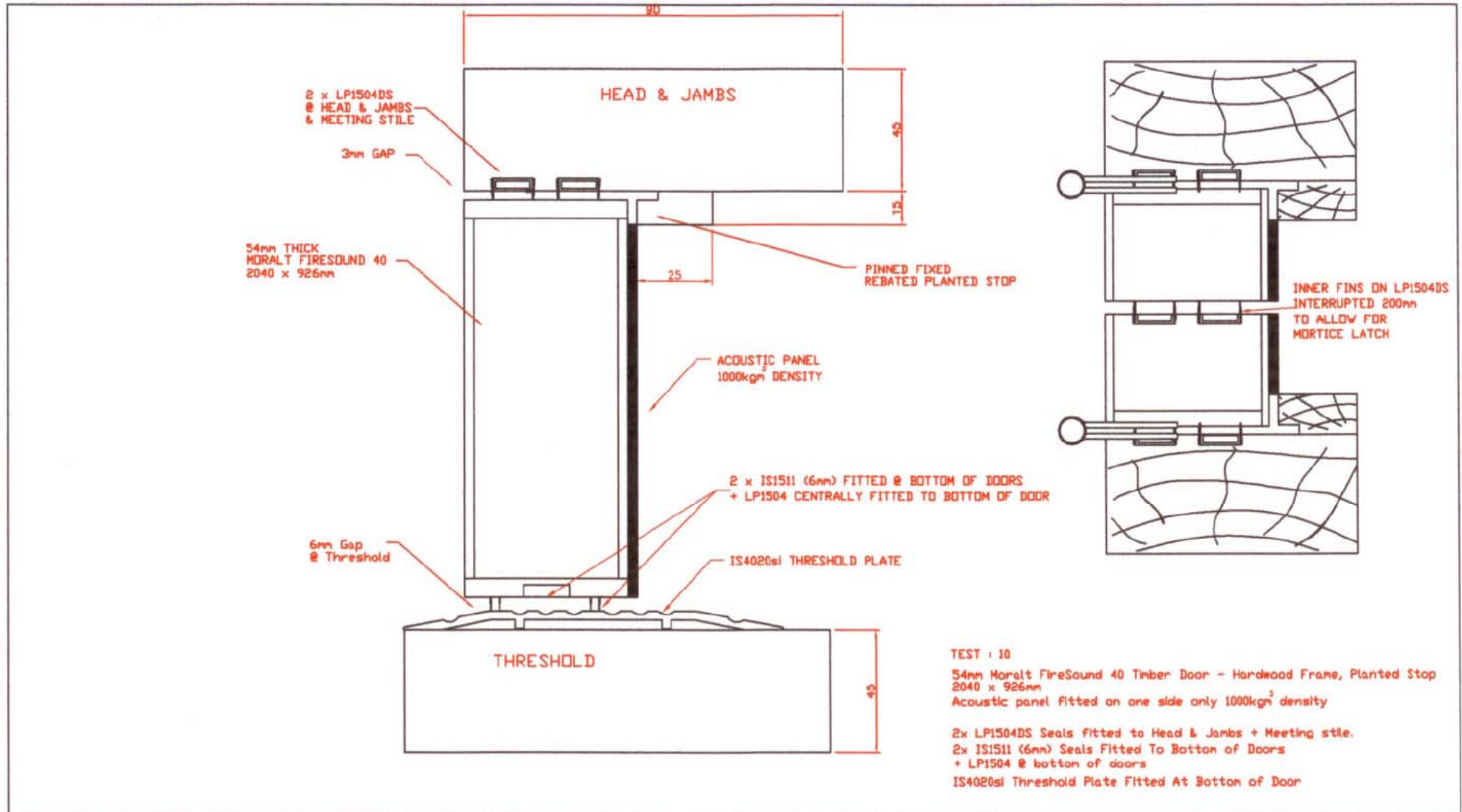
Notes \* designates measurement corrected for background

# designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

Drawing No 9



TEST : 10  
 54mm Moralt FireSound 40 Timber Door - Hardwood Frame, Planted Stop  
 2040 x 926mm  
 Acoustic panel fitted on one side only 1000kgm<sup>3</sup> density

2x LP1504DS Seals fitted to Head & Jambs + Meeting stile.  
 2x IS1511 (6mm) Seals Fitted to Bottom of Doors  
 + LP1504 @ bottom of doors  
 IS4020sl Threshold Plate Fitted At Bottom of Door

				TITLE <b>SEAL ARRANGEMENT : TEST : 10</b>	
				This drawing is the property of Lorlent Polyproducts. Ltd. and shall be returnable to Lorlent Polyproducts. Ltd. immediately upon their request. It is loaned on the condition that it is not reproduced, copied or otherwise made use of in any form whatsoever, except for the exclusive benefit of Lorlent Polyproducts. Ltd. and the acceptance of this drawing will be construed as an agreement to the foregoing conditions.	
REV	DESCRIPTION	DATE	APPROVED	A4 DRAWN <b>M.HOOLEY</b>	APPROVED
REVISIONS				DATE <b>19/04/10</b>	REV <b>0</b>
				SCALE <b>NTS</b>	DRAWING No. <b>SHEET</b>