

Test Specimen Name: 44mm Flamebreak single door leaf

Ref. No.: MTZ/F12015/Rev1/P011

Client: Lorient Polyproducts Ltd

Date of Test: 16/07/2012

Test Specimen Installed By: BM TRADA

Area of Specimen (S): 2.30

Source Room Volume: 86.00 m³

Temperature in Test Rooms: 17.0 °C

Receive Room Volume: 63.00 m³

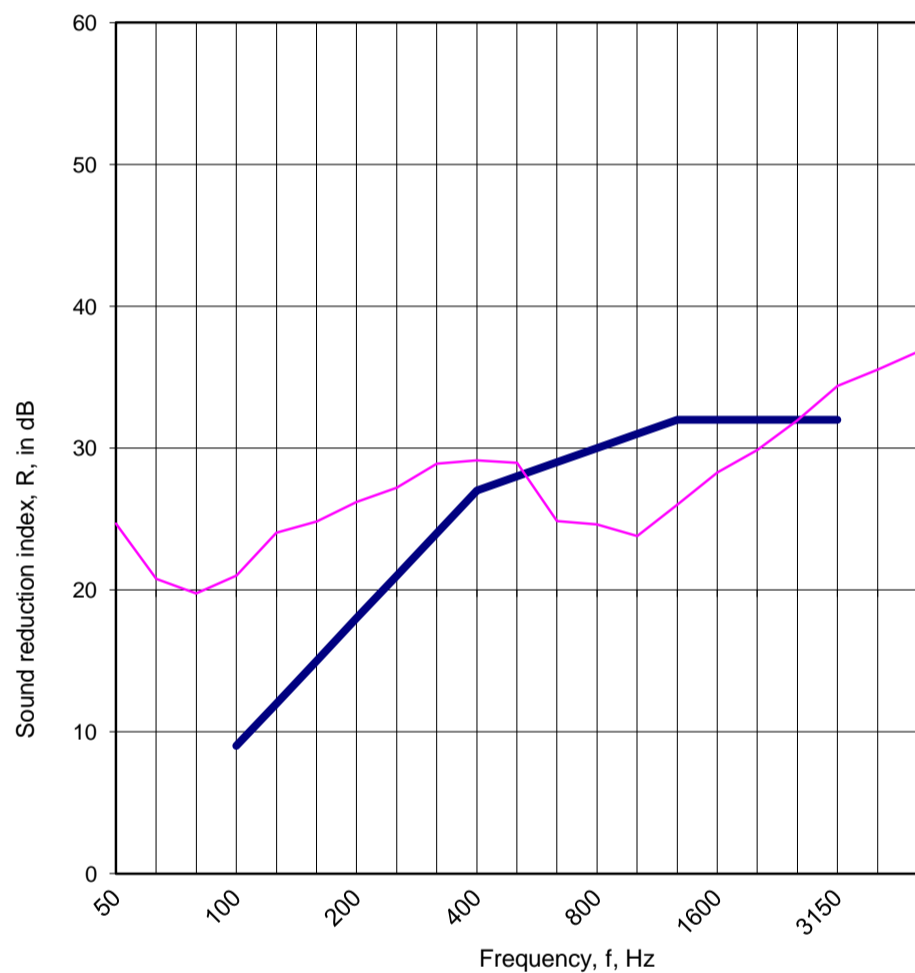
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Flamebreak single door leaf Threshold - LAS8001/LAS4002
Perimeter – LP1504DS

f, Hz	R, dB
50 ⁺	24.7
63 ⁺	20.8
80 ⁺	19.7
100	21.0
125	24.0
160	24.8
200	26.2
250	27.2
315	28.9
400	29.1
500	29.0
600	24.9
800	24.6
1000	23.8
1250	26.0
1600	28.3
2000	29.9
2500	31.9
3150	34.4
4000	35.5
5000	36.8
AAD	-28.6

↑
Frequency range for rating in accordance with ISO 717-1
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— Rating Curve (ISO 717-1) — Sound Reduction Index, R, in dB

$R_w = 28$ dB
 $R_w + C = 28$ dB
 $R_w + C_{tr} = 26$ dB

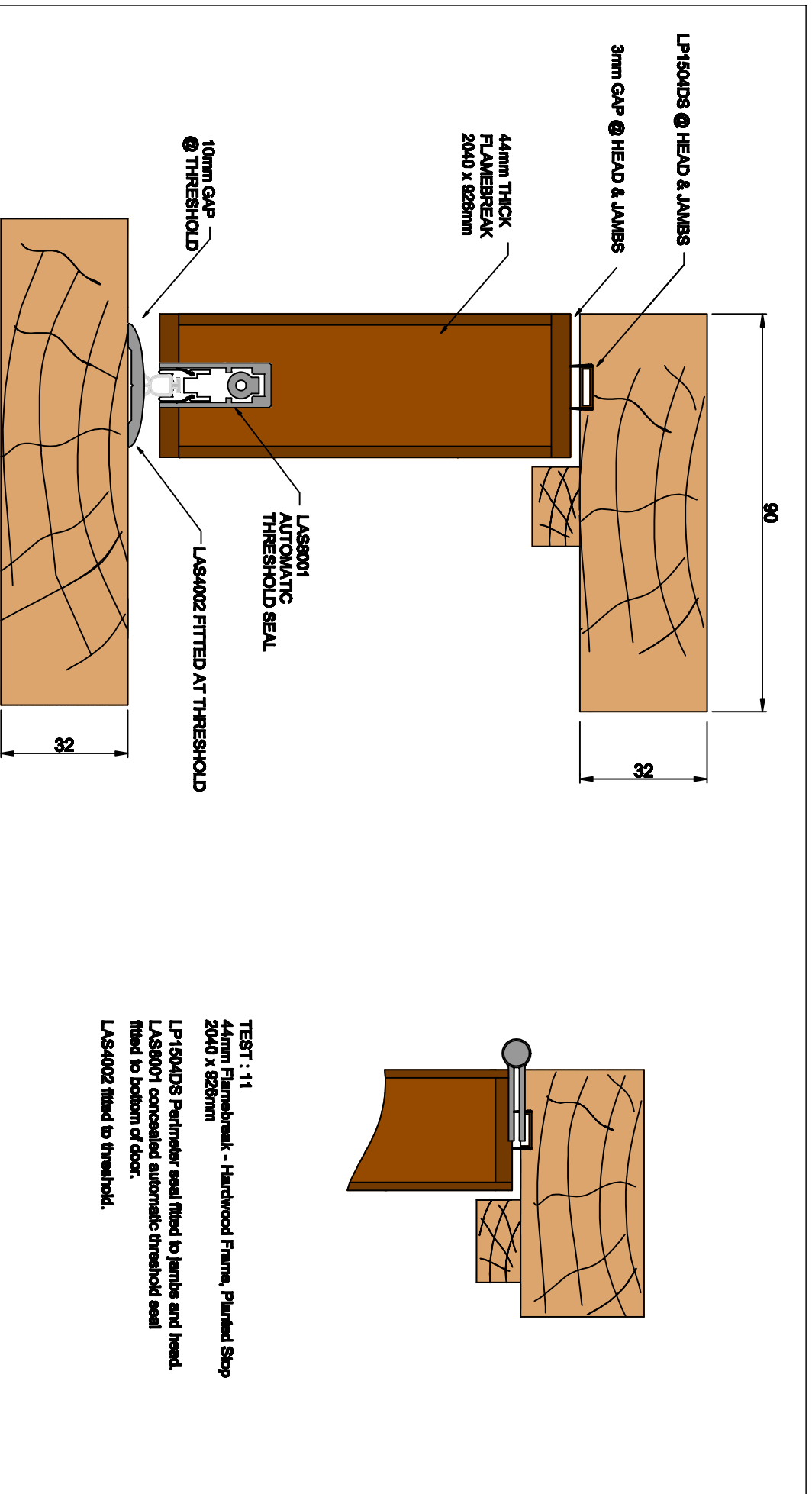
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -2$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -2$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -2$ dB



Martin Durham
Technical Officer

⁺ indicates that the frequency is outside of our UKAS accreditation and is for information only

The legal validity of this report can only be claimed on presentation of the complete report



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01	FIRST ISSUE	xx/xx/xxxx			
			SCALE	NTS	TITLE:
			DRAWN	MH	ACOUSTIC TESTING
			DATE	01/11/12	CHILTERN
			CHECKED	DF	DRAWING NO:
			APPROVED	DF	LOR11

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