

Test Specimen Name: 54mm Flamebreak single leaf door

Ref. No.: MTZ/F12015/Rev1/P066

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

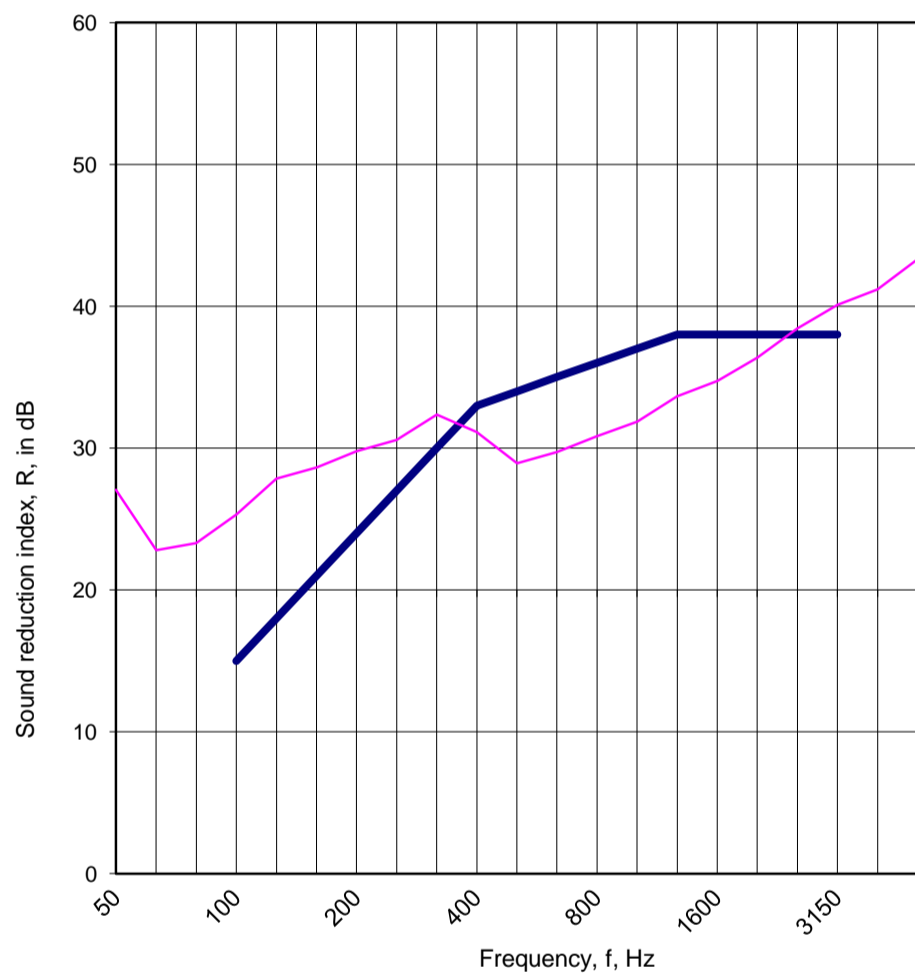
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 54mm Flamebreak single leaf door Threshold - LAS8001
Perimeter – LP1504DS

f, Hz	R, dB
50 ⁺	27.0
63 ⁺	22.8
80 ⁺	23.3
100	25.3
125	27.8
160	28.6
200	29.8
250	30.6
315	32.3
400	31.1
500	28.9
600	29.7
800	30.8
1000	31.9
1250	33.6
1600	34.7
2000	36.4
2500	38.4
3150	40.1
4000	41.2
5000	43.3
AAD	-31.8

↑
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

$R_w = 34$ dB
 $R_w + C = 34$ dB
 $R_w + C_{tr} = 32$ dB

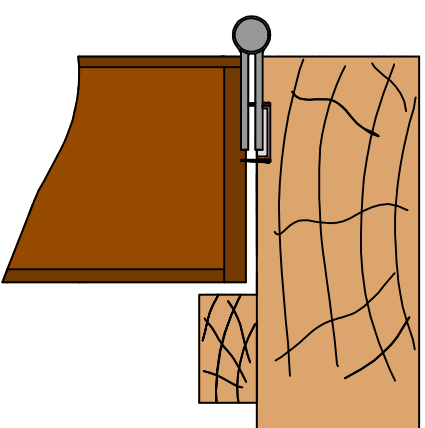
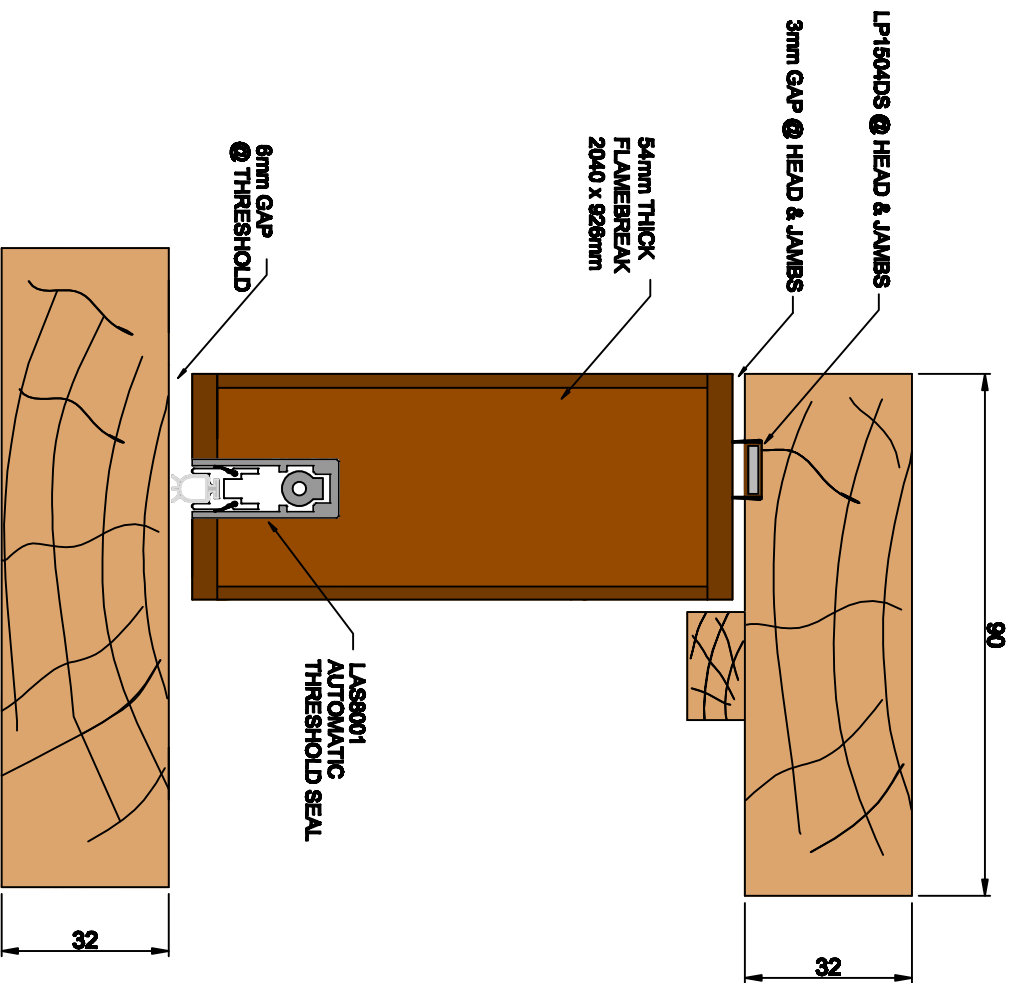
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -3$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -3$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -2$ dB



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



TEST : 03

54mm Flamebreak - Hardwood Frame, Planted Stop
2040 x 926mm
LP1504DS fitted to jambe and head.
LAS9001 concealed automatic threshold seal
fitted to bottom of door.

REV	DESCRIPTION	DATE	 <h1>LORIENT</h1> <p>Discovery House Unit 19 Wentworth Road Headfield Industrial Estate Newton Abbot Devon TQ12 8TL Tel: 01626 834252 Fax: 01626 833186 E:testing@lorientuk.com www.lorientuk.com</p> <p>Testing & Technical Services</p>			SCALE	NTS	TITLE: ACOUSTIC TESTING CHILTERN
01	FIRST ISSUE	xx/xx/xxxx				DRAWN	MH	
						DATE	01/11/12	
						CHECKED	DF	DRAWING NO: LOR66
			APPROVED	DF				

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