

Test Specimen Name: 44mm Flamebreak single leaf door

Ref. No.: MTZ/F12015/Rev1/P042

Client: Lorient Polyproducts Ltd

Date of Test: 16/07/2013

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

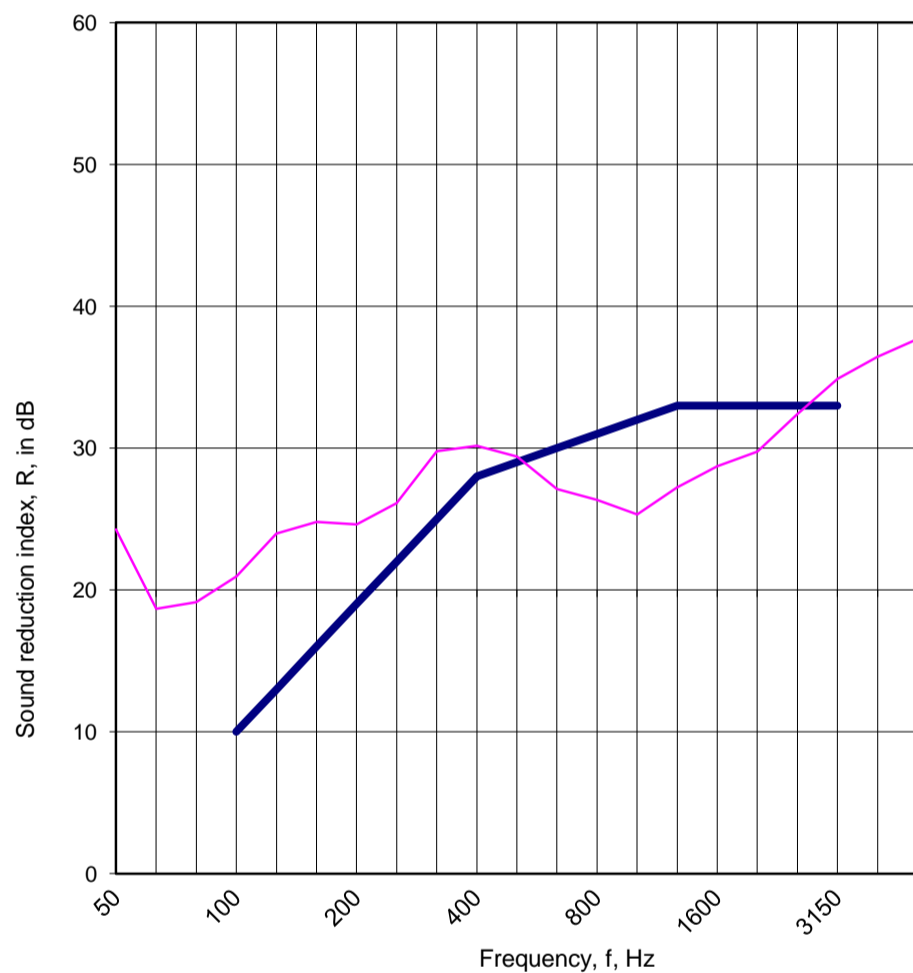
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

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

f, Hz	R, dB
50 ⁺	24.3
63 ⁺	18.7
80 ⁺	19.1
100	21.0
125	24.0
160	24.8
200	24.6
250	26.1
315	29.8
400	30.2
500	29.4
600	27.1
800	26.4
1000	25.3
1250	27.2
1600	28.7
2000	29.8
2500	32.4
3150	34.9
4000	36.4
5000	37.7
AAD	-28.1

↑
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

$R_w = 29$ dB
 $R_w + C = 29$ dB
 $R_w + C_{tr} = 27$ dB

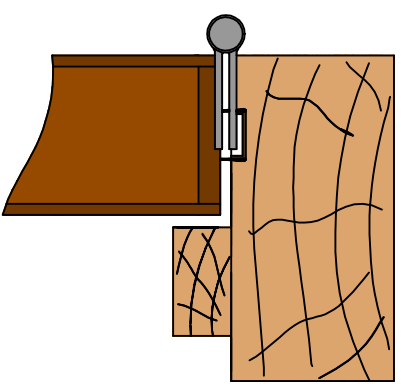
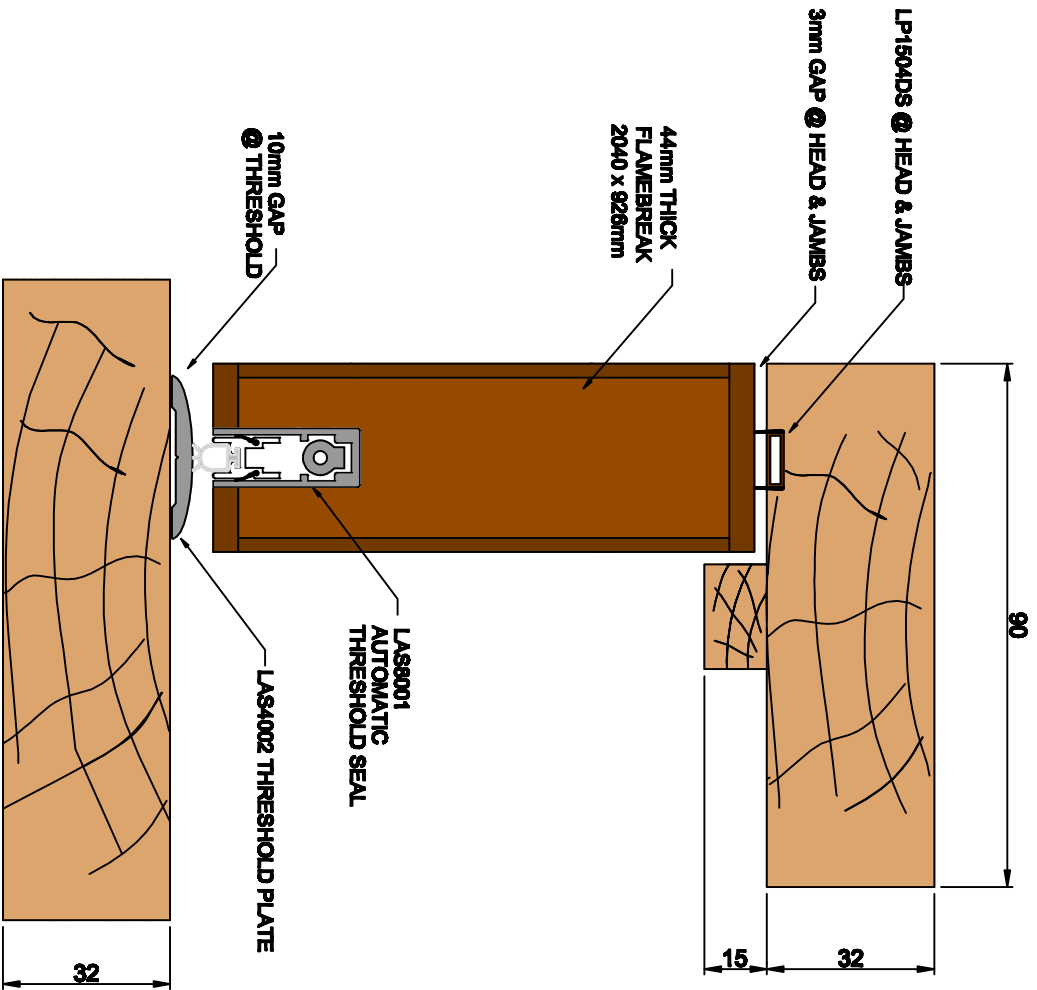
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -2$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -2$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -2$ dB



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



TEST : 42
 44mm Flamebreak - Hardwood Frame, Planted Stop
 2040 x 926mm
 LP1504DS fitted to jambs and head.
 LAS9001 concealed automatic threshold seal
 fitted to bottom of door.
 LAS4002 fitted at threshold.

REV	DESCRIPTION	DATE	 <p>LORIENT Discovery House Unit 19 Wentworth Road Heathfield Industrial Estate Newton Abbot Devon TQ12 8TL Tel: 01628 834252 Fax: 01628 833166 E:testing@lorientuk.com www.lorientuk.com</p>		SCALE DRAWN DATE CHECKED APPROVED	NTS MH 01/11/12 DF DF	TITLE: ACOUSTIC TESTING CHILTERN DRAWING NO: LOR42
01	FIRST ISSUE	xx/xx/xxxx					

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