

Test Specimen Name: 44mm Flamebreak single door leaf

Ref. No.: MTZ/F12015/Rev1/P007

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

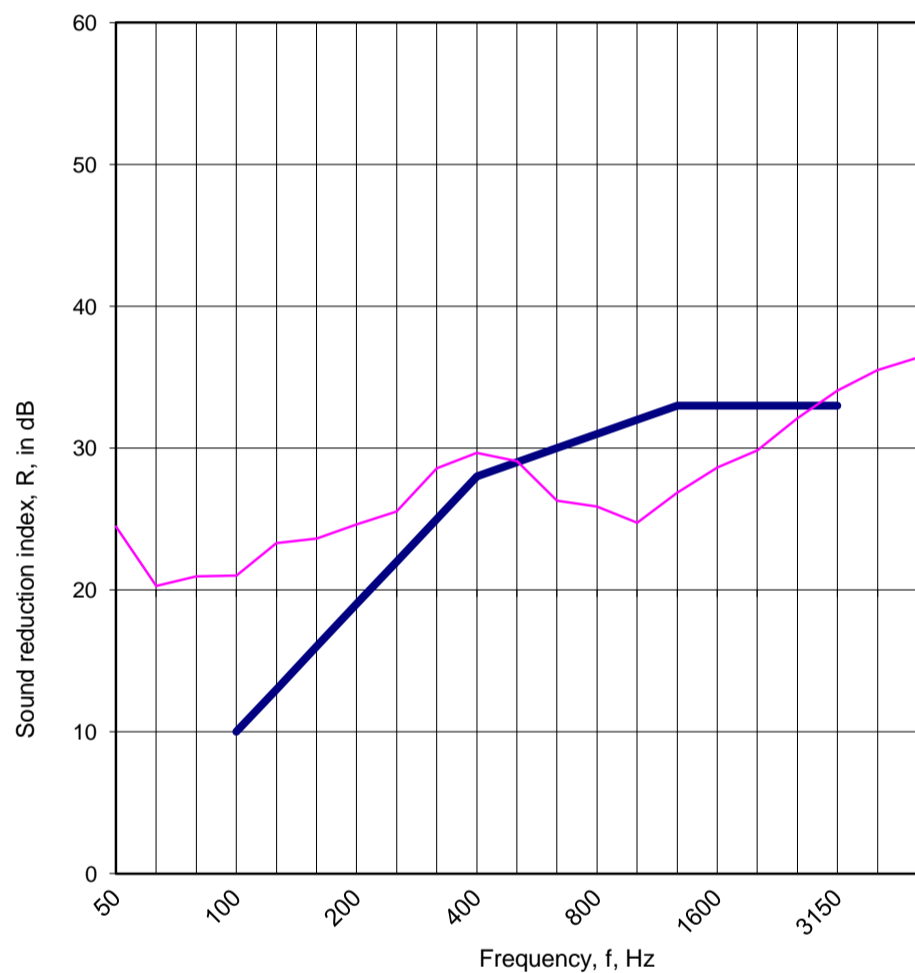
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Flamebreak single door leaf Threshold - LAS8001/LAS4002
Perimeter – LAS1212K

f, Hz	R, dB
50 ⁺	24.5
63 ⁺	20.3
80 ⁺	21.0
100	21.0
125	23.3
160	23.6
200	24.6
250	25.5
315	28.6
400	29.7
500	29.1
600	26.3
800	25.9
1000	24.7
1250	26.8
1600	28.6
2000	29.9
2500	32.1
3150	34.1
4000	35.5
5000	36.4
AAD	-30.6

↑
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

$R_w = 29$ dB
 $R_w + C = 28$ dB
 $R_w + C_{tr} = 27$ dB

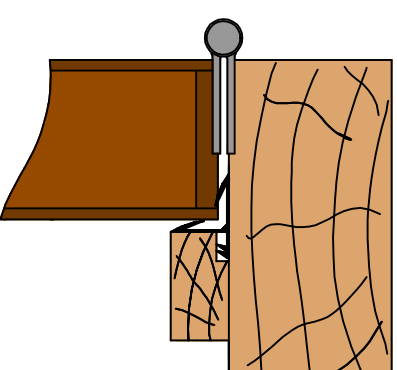
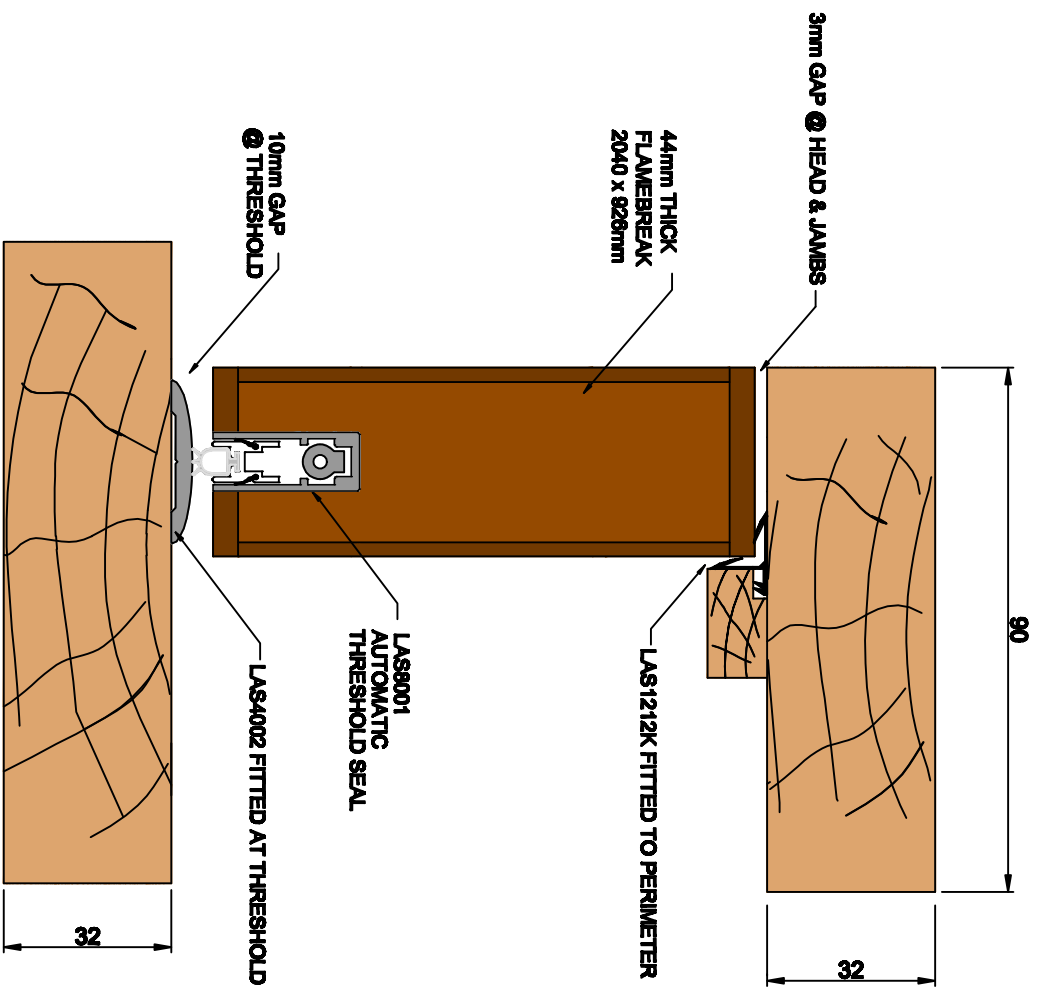
$C_{(50-3150)} = -1$ dB $C_{tr(50-3150)} = -3$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -3$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -2$ dB



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 : 07
 44mm Flamebreak - Hardwood Frame, Planted Stop
 2040 x 926mm
 LAS1212K Perimeter seal fitted to jamb and head stops.
 LAS9001 concealed automatic threshold seal
 fitted to bottom of door.
 LAS4002 fitted to threshold.

REV	DESCRIPTION	DATE
01	FIRST ISSUE	xx/xx/xxxx



LORIENT

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SCALE	NTS
DRAWN	MH
DATE	01/11/12
CHECKED	DF
APPROVED	DF

TITLE:
**ACOUSTIC TESTING
 CHILTERN**

DRAWING NO:
LOR07

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