

Test Specimen Name: 54mm Flamebreak single leaf door with glazing

Reference Number: MTZ/F12015/Rev1/P070

Client: Lorient Polyproducts Ltd

Date of Test: 16/07/2012

Test Specimen Installed By: BM TRADA

Area of Specimen (S): 2.30 m²

Source Room Volume: 86.00 m³

Temperature in Test Rooms: 17.0 °C

Receive Room Volume: 63.00 m³

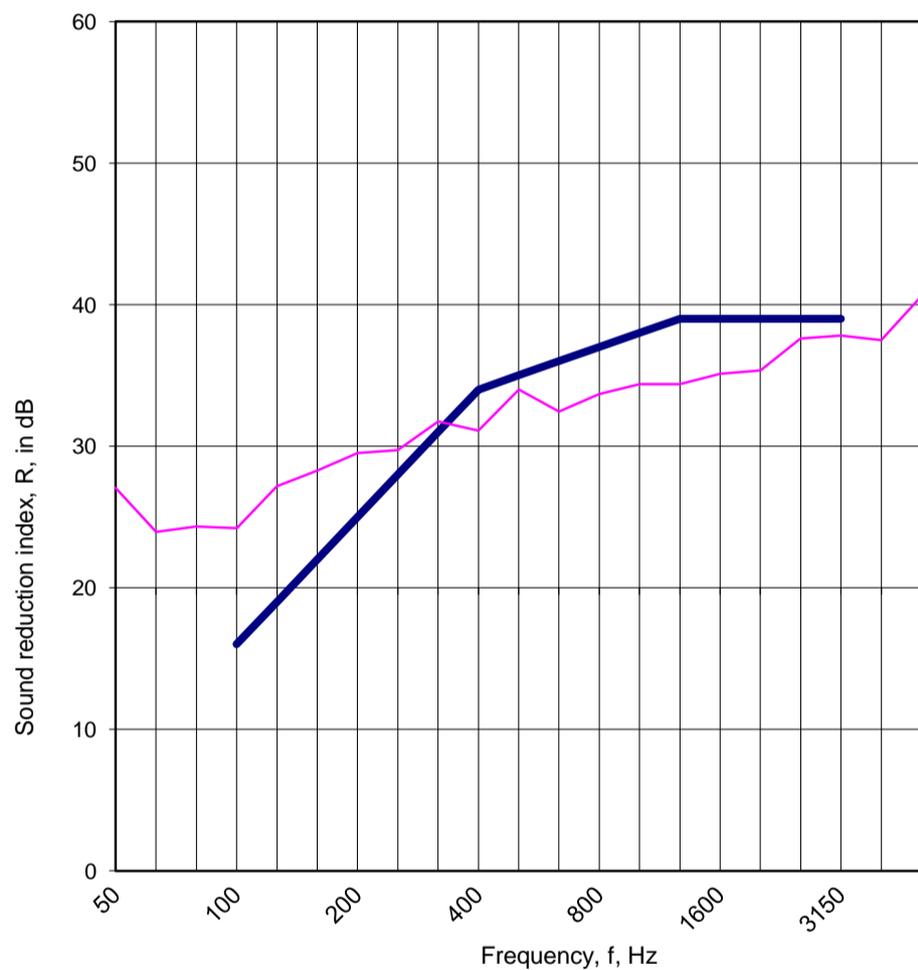
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

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

f, Hz	R, dB
50 ⁺	27.1
63 ⁺	24.0
80 ⁺	24.3
100	24.2
125	27.2
160	28.3
200	29.5
250	29.7
315	31.7
400	31.1
500	34.0
600	32.5
800	33.7
1000	34.4
1250	34.4
1600	35.1
2000	35.3
2500	37.6
3150	37.8
4000	37.5
5000	40.6
AAAD	-29.1

↑
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

$R_w = 35$ dB
 $R_w + C = 35$ dB
 $R_w + C_{tr} = 33$ dB

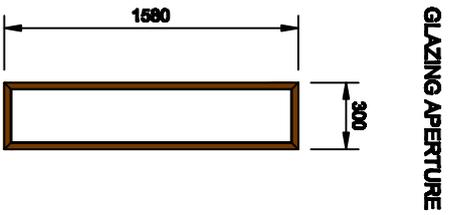
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -3$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -3$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -2$ dB



Martin Durham
Technical Officer

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

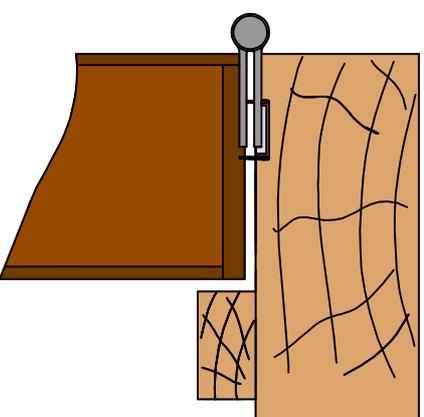
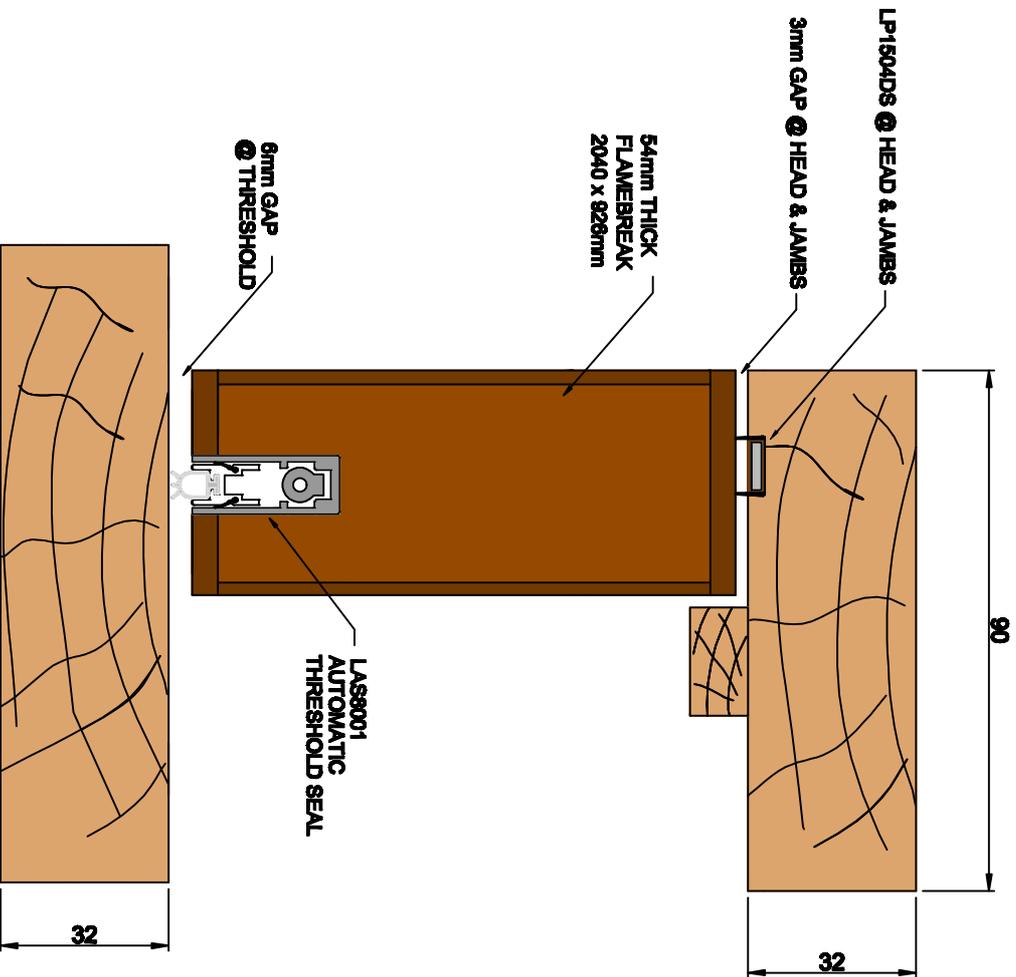
The legal validity of this report can only be claimed on presentation of the complete report



11mm PYROGUARD



RF-1 GLAZING SYSTEM



TEST : 76

54mm Flamebreak - Hardwood Frame, Planted Stop 2040 x 926mm
LP1504DS fitted to jambs and head.
LAS9001 concealed automatic threshold seal fitted to bottom of door.
Glazing Aperture : 1580 x 300mm
11mm Pyroguard glass fitted to aperture
RF-1 Glazing system .

REV	DESCRIPTION	DATE
01	FIRST ISSUE	xx/xx/xxxx



LORIENT

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SCALE	NTS	TITLE:
DRAWN	MH	ACOUSTIC TESTING CHILTERN
DATE	01/11/12	DRAWING NO:
CHECKED	DF	LOR76
APPROVED	DF	

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