

Test Specimen Name: 44mm Moralt single door leaf

Reference Number: MTZ/F12015/Rev1/P02:

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

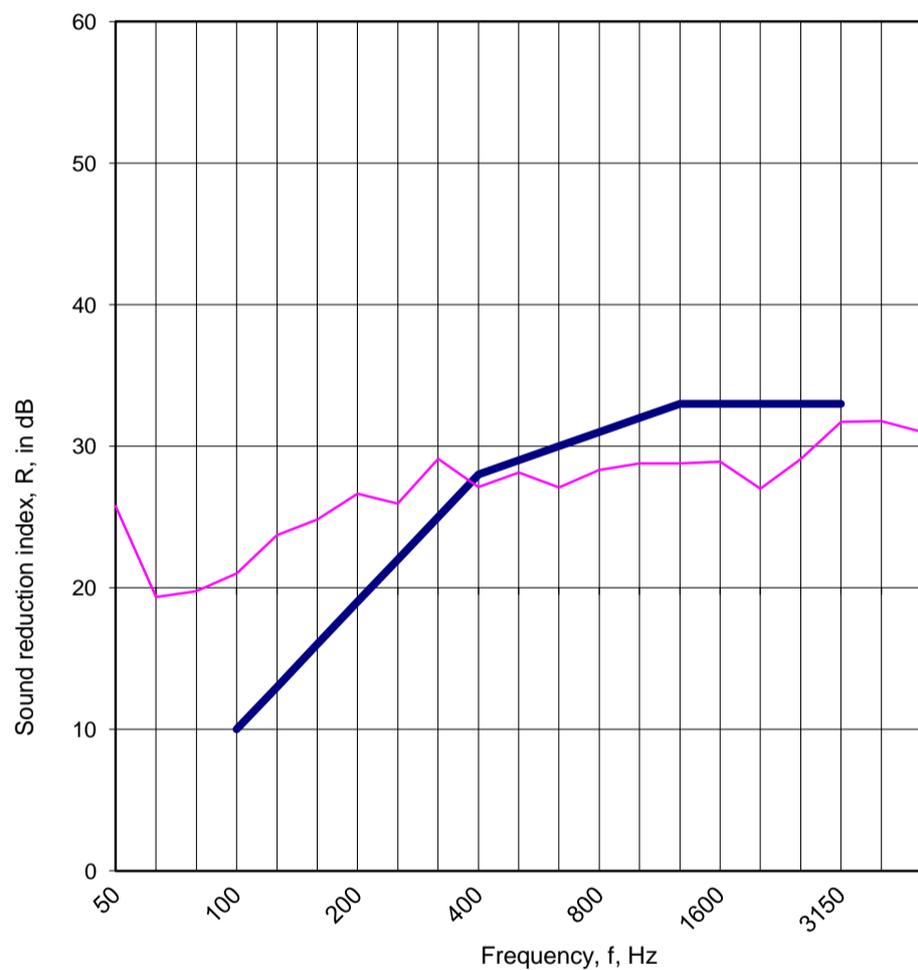
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Moralt single door leaf Threshold - LAS8001/LAS4002
Perimeter – LAS7001

f, Hz	R, dB
50 ⁺	25.8
63 ⁺	19.3
80 ⁺	19.8
100	21.0
125	23.7
160	24.8
200	26.6
250	25.9
315	29.1
400	27.1
500	28.1
600	27.1
800	28.3
1000	28.8
1250	28.8
1600	28.9
2000	27.0
2500	29.1
3150	31.7
4000	31.8
5000	31.0
AAD	-30.1

↑
Frequency range for rating in accordance with ISO 717-1
↓



— Rating Curve (ISO 717-1) — Sound Reduction Index, R, in dB

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

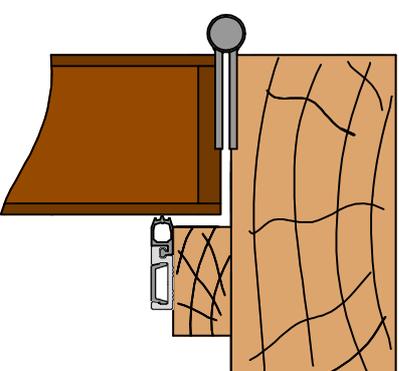
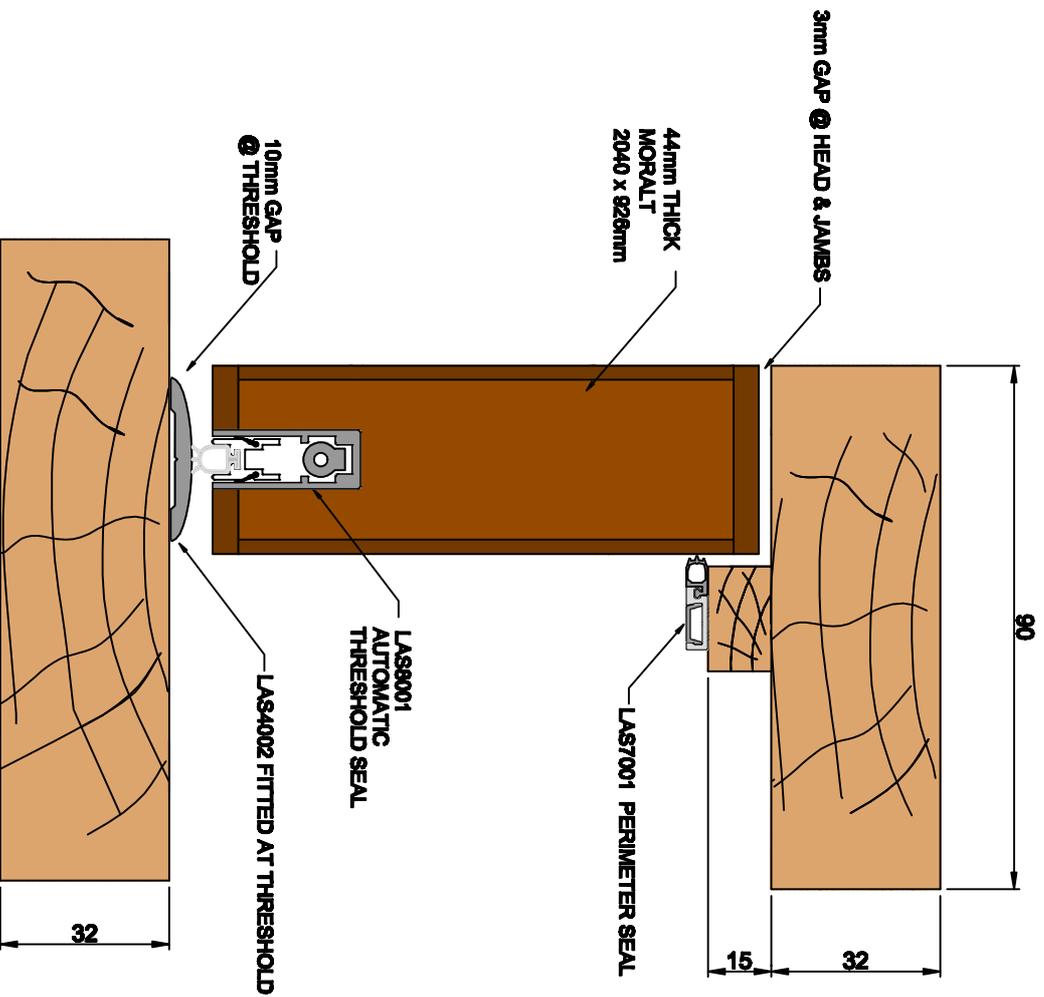
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -2$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -2$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -1$ dB



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 : 21
 44mm MORAL'T - Hardwood Frame, Painted Stop
 2040 x 926mm
 LAS7001 Perimeter seal fitted to jamb and head stops.
 LAS9001 concealed automatic threshold seal
 fitted to bottom of door.
 LAS4002 fitted at threshold

REV	DESCRIPTION	DATE
01	FIRST ISSUE	xx/xx/xxxx



LORIENT

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SCALE	NTS	TITLE:
DRAWN	MH	ACOUSTIC TESTING
DATE	01/11/12	CHILTERN
CHECKED	DF	DRAWING NO:
APPROVED	DF	LOR21

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