

Test Specimen Name: 44mm Vicaima single door leaf

Ref. No.: MTZ/F12015/Rev1/P032

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

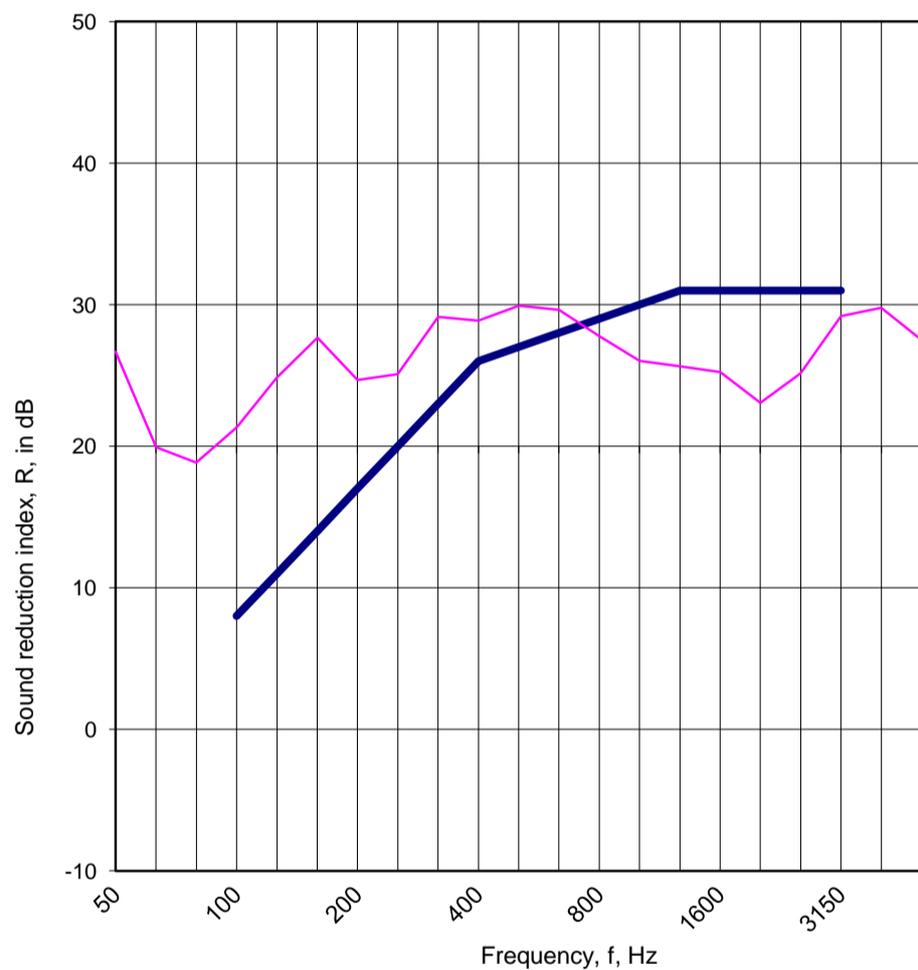
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

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

f, Hz	R, dB
50 ⁺	26.7
63 ⁺	19.9
80 ⁺	18.9
100	21.3
125	24.8
160	27.7
200	24.7
250	25.1
315	29.1
400	28.9
500	29.9
600	29.6
800	27.8
1000	26.0
1250	25.6
1600	25.2
2000	23.1
2500	25.2
3150	29.2
4000	29.8
5000	27.5
AAD	-31.9

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



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

$R_w = 27$ dB
 $R_w + C = 27$ dB
 $R_w + C_{tr} = 26$ dB

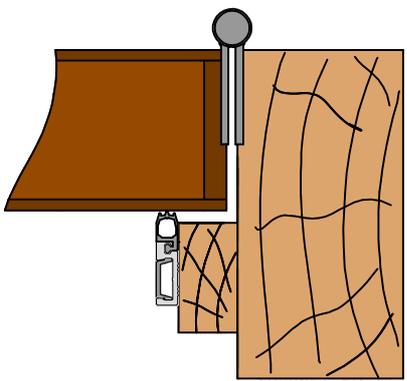
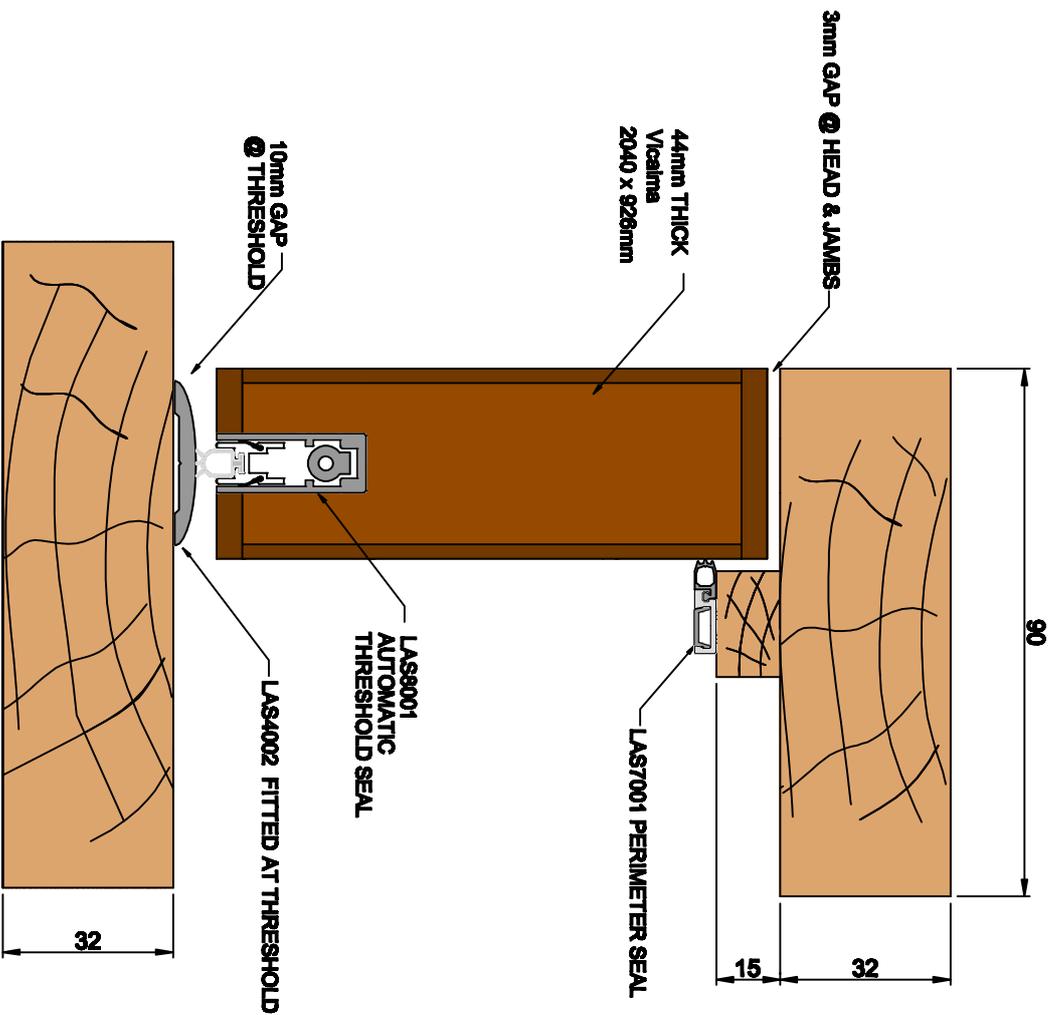
$C_{(50-3150)} = -1$ dB $C_{tr(50-3150)} = -1$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -1$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -1$ dB



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 : 32
44mm Vicalina - 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

Testing & Technical Services

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

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

TITLE:
**ACOUSTIC TESTING
CHILTERN**

DRAWING NO:
LOR32

NO PART OF THIS DRAWING MAY BE REPRODUCED WITHOUT THE WRITTEN CONSENT OF LORIENT POLYPRODUCTS LTD.