

Test Specimen Name: 44mm Jeld-Wen single leaf door

Client: Lorient Polyproducts Ltd

Test Specimen Installed By: BM TRADA

Area of Specimen (S): 2.30 m²

Temperature in Test Rooms: 17.0 °C

Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Jeld-Wen single leaf door Threshold - LAS8001
Perimeter – LAS1212K

Reference Number: MTZ/F12015/Rev1/P04

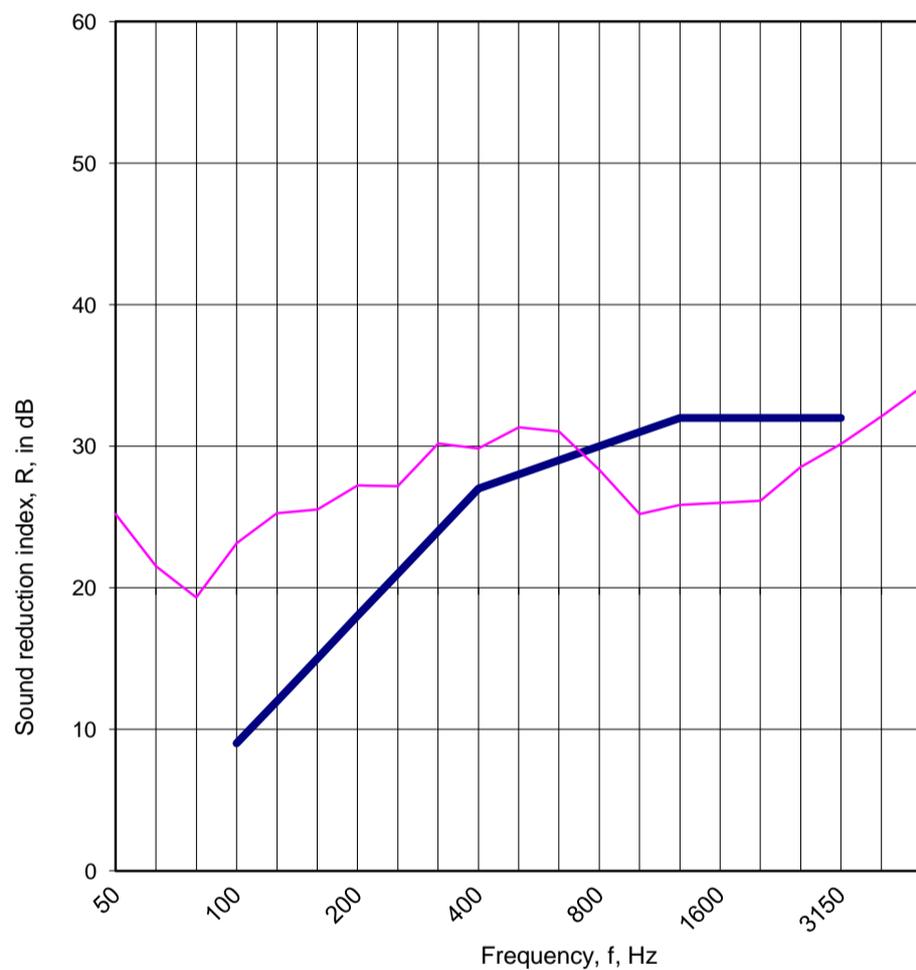
Date of Test: 16/07/2013

Source Room Volume: 86.00 m³

Receive Room Volume: 63.00 m³

| f, Hz | R, dB |
|-----------------|-------|
| 50 ⁺ | 25.2 |
| 63 ⁺ | 21.5 |
| 80 ⁺ | 19.3 |
| 100 | 23.1 |
| 125 | 25.3 |
| 160 | 25.5 |
| 200 | 27.2 |
| 250 | 27.2 |
| 315 | 30.2 |
| 400 | 29.8 |
| 500 | 31.3 |
| 600 | 31.0 |
| 800 | 28.3 |
| 1000 | 25.2 |
| 1250 | 25.8 |
| 1600 | 26.0 |
| 2000 | 26.2 |
| 2500 | 28.5 |
| 3150 | 30.1 |
| 4000 | 32.1 |
| 5000 | 34.2 |
| AAD | -30.8 |

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



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

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

$C_{(50-3150)} = 0$ 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

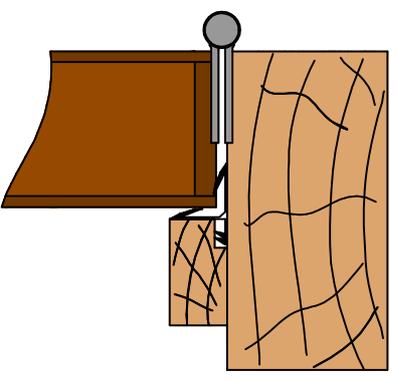
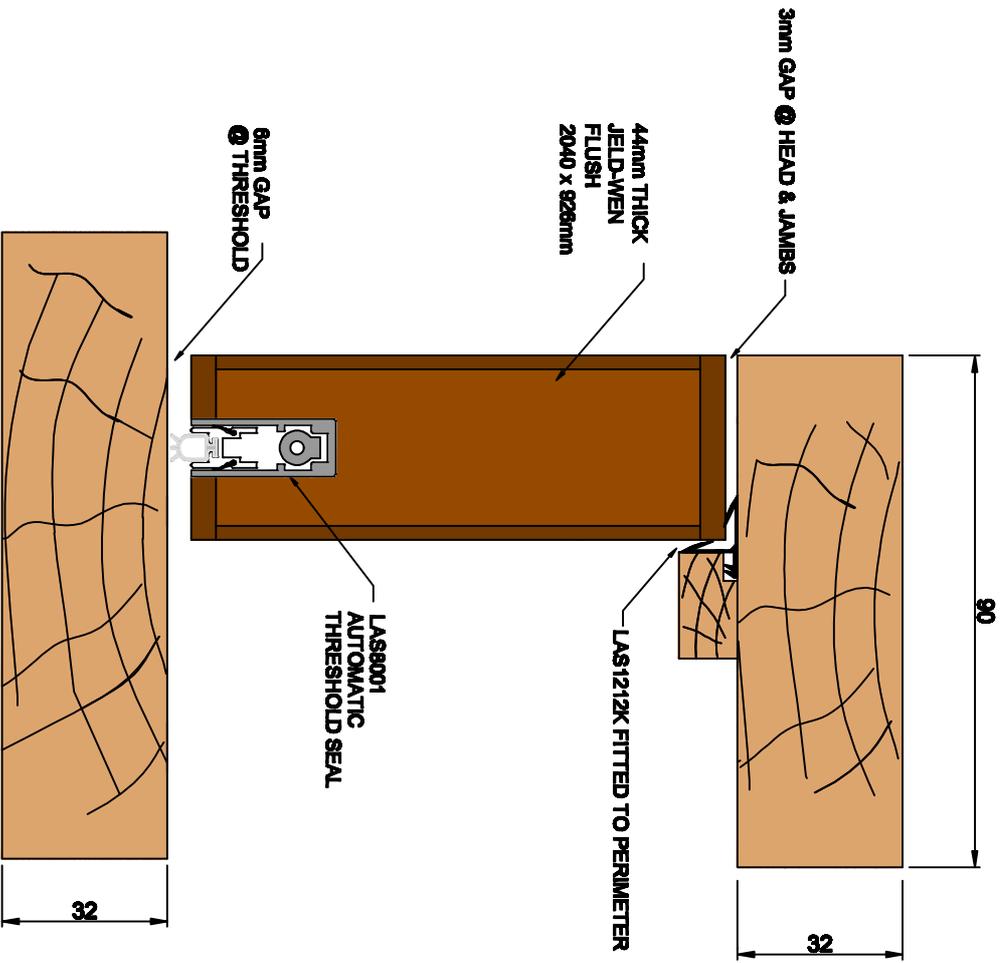
⁺ indicates that the frequency is outside of our UKAS accreditation and is for information only

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

Report for: Lorient Polyproducts Ltd

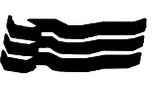
Report Ref: Chilt/Z: 12015/Rev1

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TEST : 47
 44mm Jeld-Wen Flush - 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.

| | | |
|-----|-------------|------------|
| 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 6TL
 Tel: 01628 894252
 Fax: 01628 833188
 E: testing@lorientuk.com
www.lorientuk.com

| | | |
|----------|----------|------------------|
| SCALE | NTS | TITLE: |
| DRAWN | MH | ACOUSTIC TESTING |
| DATE | 01/11/12 | CHILTERN |
| CHECKED | DF | DRAWING NO: |
| APPROVED | DF | LOR47 |

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