

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

Reference Number: MTZ/F12015/Rev1/P04

Client: Lorient Polyproducts Ltd

Date of Test: 16/07/2013

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

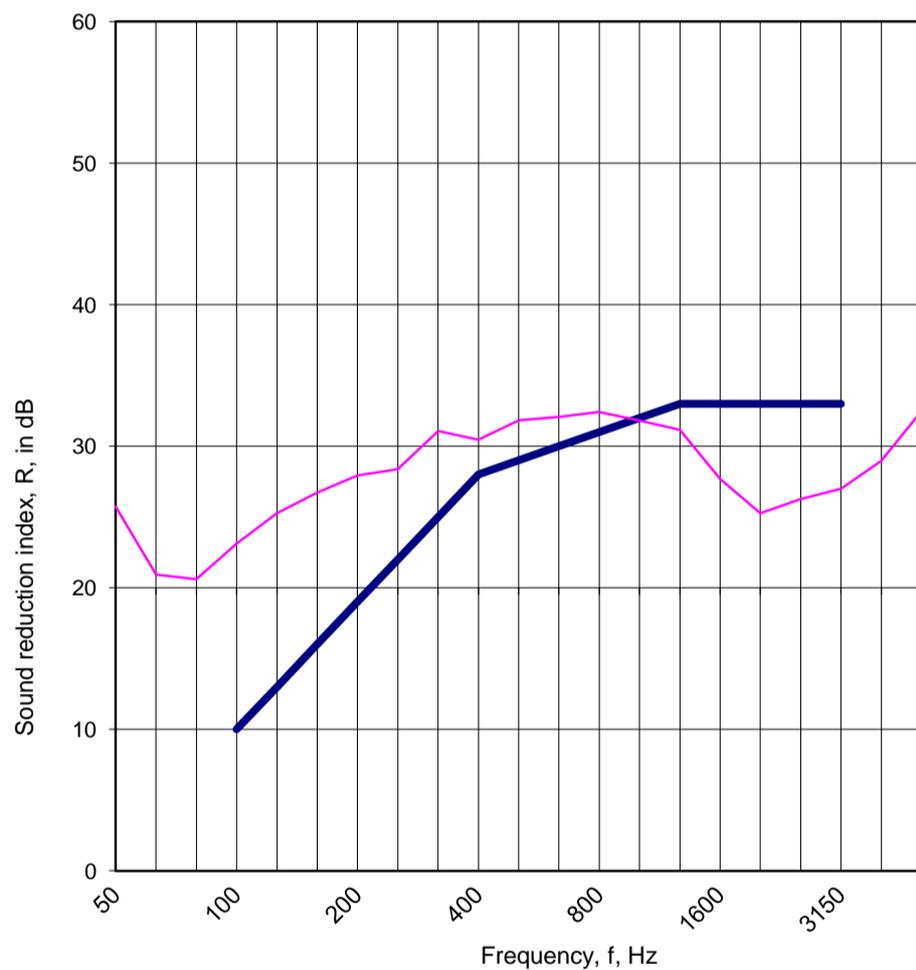
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Jeld-Wen Panelled single leaf door Threshold - LAS8001
Perimeter -LP1504DS

f, Hz	R, dB
50 ⁺	25.7
63 ⁺	20.9
80 ⁺	20.6
100	23.1
125	25.3
160	26.7
200	27.9
250	28.4
315	31.1
400	30.4
500	31.8
600	32.1
800	32.4
1000	31.8
1250	31.1
1600	27.7
2000	25.3
2500	26.2
3150	27.0
4000	29.0
5000	32.5
AAD	-27.9

Frequency range for rating in accordance with ISO 717-1



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

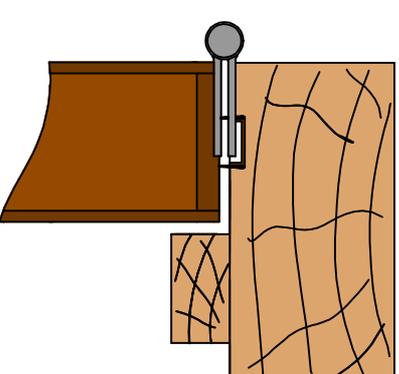
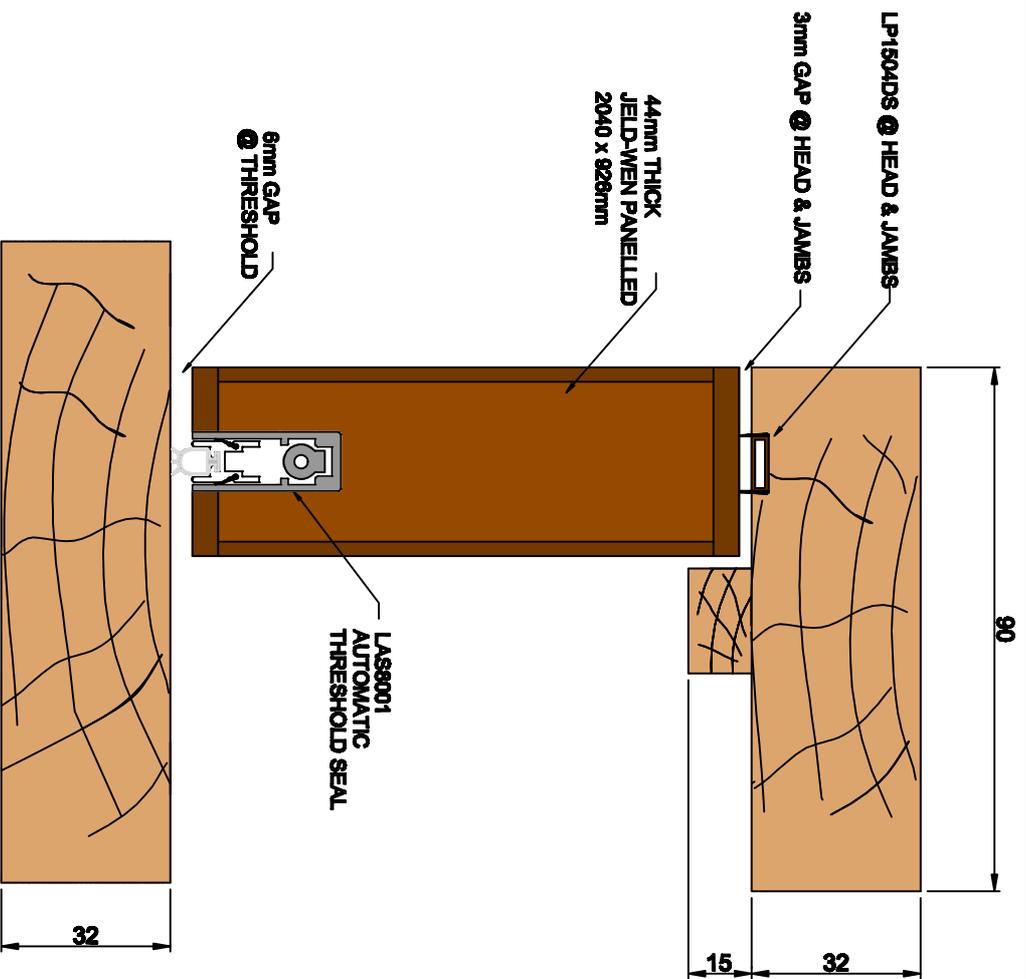
$R_w = 29$ dB	$C_{(50-3150)} = 0$ dB	$C_{tr(50-3150)} = 0$ dB
$R_w + C = 29$ dB	$C_{(50-5000)} = 0$ dB	$C_{tr(50-5000)} = 0$ dB
$R_w + C_{tr} = 29$ dB	$C_{(100-5000)} = 0$ dB	$C_{tr(100-5000)} = 0$ dB



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 : 44
44mm Jeld-Wen Panelled FD30 - Hardwood Frame, Painted Stop
2040 x 926mm

LP1504DS fitted to jambs and head.
LAS9001 concealed automatic threshold seal
fitted to bottom of door.

REV	DESCRIPTION	DATE	 LORIENT Testing & Technical Services		Discovery House Unit 19 Wentworth Road Heathfield Industrial Estate Newton Abbot Devon TQ12 8TL Tel: 01626 834252 Fax: 01626 833166 E:testing@lorientuk.com www.lorientuk.com
01	FIRST ISSUE	xx/xx/xxxx	SCALE	NTS	TITLE: ACOUSTIC TESTING CHILTERN
			DRAWN	MH	
			DATE	01/11/12	DRAWING NO: LOR44
			CHECKED	DF	
			APPROVED	DF	

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