

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

Reference Number: MTZ/F12015/Rev1/P047

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

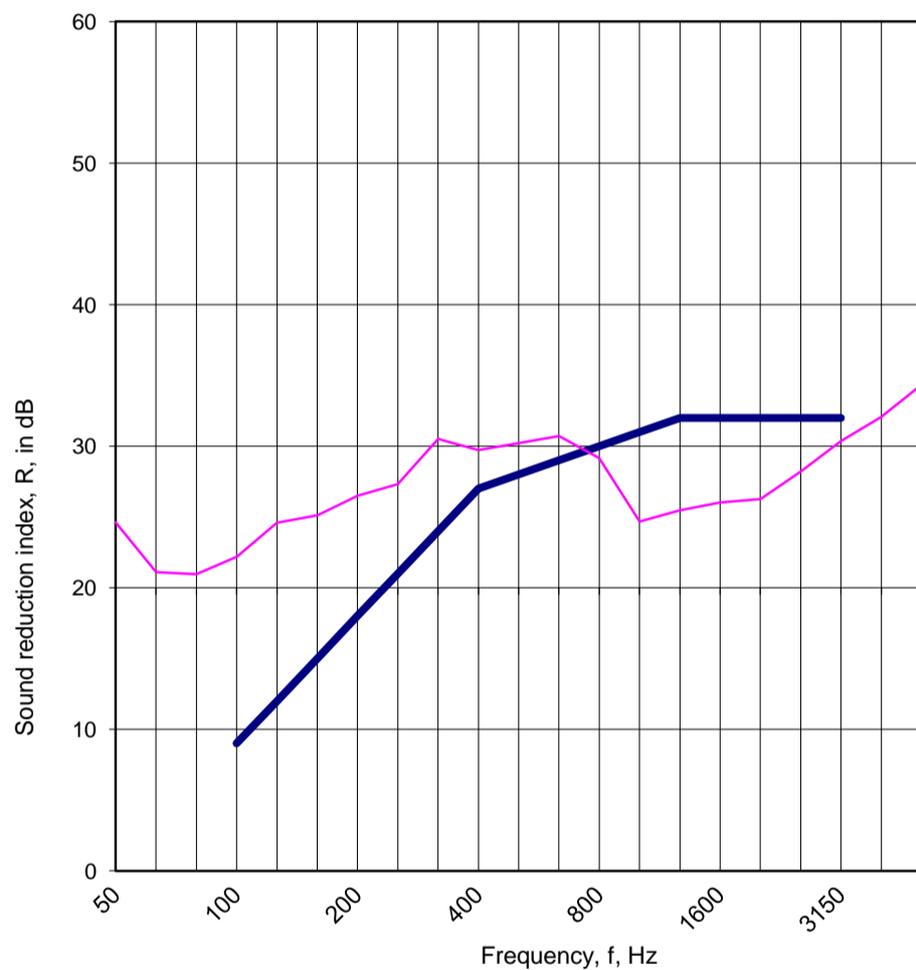
Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

Test Specimen Description: 44mm Jeld-Wen single leaf door Re-test of P047

f, Hz	R, dB
50 ⁺	24.6
63 ⁺	21.1
80 ⁺	21.0
100	22.2
125	24.6
160	25.1
200	26.5
250	27.3
315	30.5
400	29.7
500	30.2
600	30.7
800	29.2
1000	24.7
1250	25.5
1600	26.0
2000	26.3
2500	28.2
3150	30.4
4000	32.1
5000	34.3
AAD	-30.8

↑
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

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

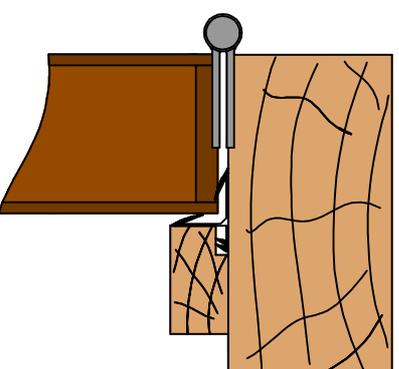
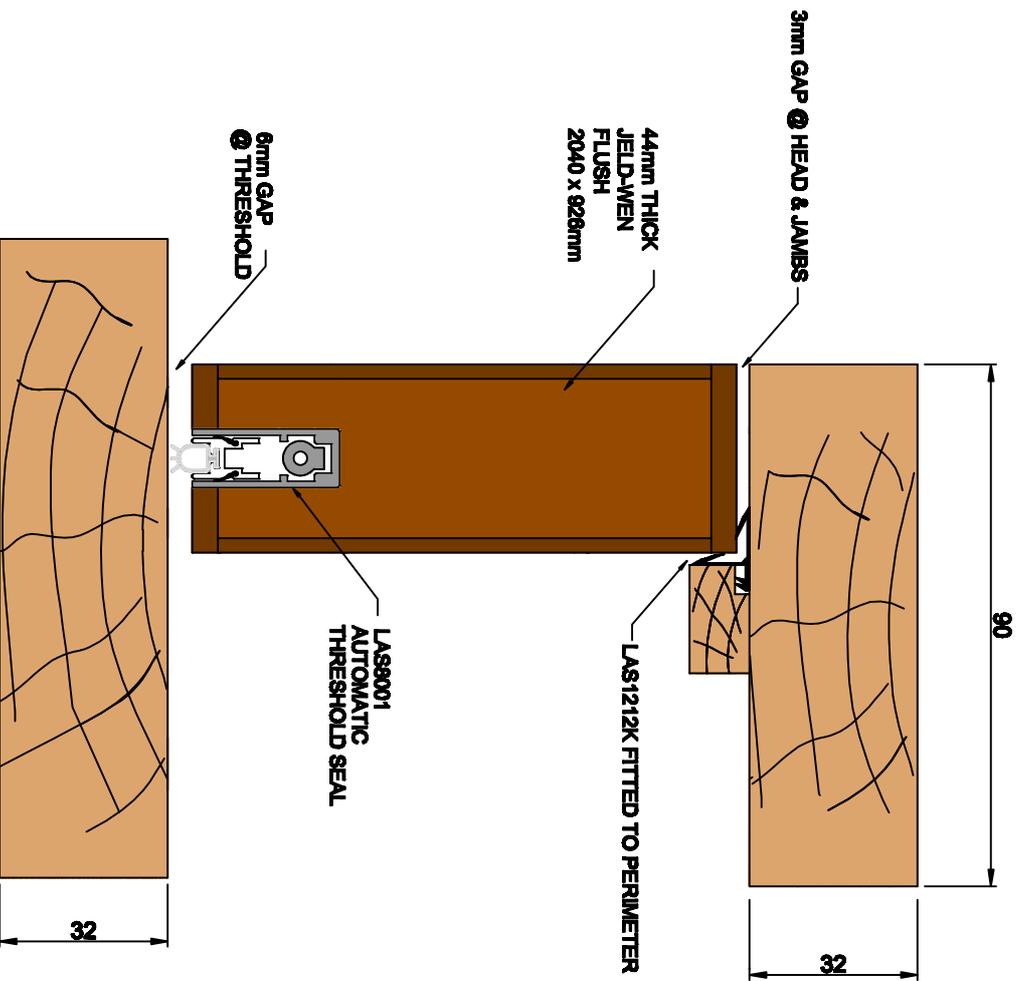
$C_{(50-3150)} = 0$ dB $C_{tr(50-3150)} = -1$ dB
 $C_{(50-5000)} = 0$ dB $C_{tr(50-5000)} = -1$ dB
 $C_{(100-5000)} = 0$ dB $C_{tr(100-5000)} = -1$ dB



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



TEST : 48 (RE-TEST OF 47)
 44mm Jeld-Wen Flush FD30 - Hardwood Frame, Planted Stop
 2040 x 828mm
 LAS1212K Perimeter seal fitted to jamb and head stops.
 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 6TL Tel: 01828 834252 Fax: 01828 833166 E:testing@lorientuk.com www.lorientuk.com	
01	FIRST ISSUE	xx/xx/xxxx		
SCALE	NTS	TITLE:		
DRAWN	MH	ACOUSTIC TESTING		
DATE	01/11/12	CHILTERN		
CHECKED	DF	DRAWING NO:		
APPROVED	DF	LOR48		

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