BM TRADA

Laboratory measurement to
BS EN ISO 10140-2 - Airborne Sound Insulation of
Building Elements

UKAS TESTING No. 1762

Test Specimen Name: 44mm Premdor Popular single leaf door

Client: Lorient Polyproducts Ltd

Test Specimen Installed By: BM TRADA

Area of Specimen (S):   2.30

**Temperature in Test Rooms:** 17.0 °C

Static Pressure: 100200.0 Pa

Humidity in Test Rooms: 74.0 %

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

Ref. No.: MTZ/F12015/Rev1/P040

Date of Test: 16/07/2013

Source Room Volume: 86.00 m^3

Receive Room Volume: 63.00 m^3

f, Hz	R ,dB
50[+]	25.5
63[+]	19.1
80[+]	19.7
100	20.7
125	23.1
160	26.3
200	27.3
250	26.5
315	30.7
400	30.9
500	32.7
600	32.8
800	32.7
1000	31.8
1250	30.1
1600	26.4
2000	24.7
2500	25.5
3150	25.6
4000	28.1
5000	31.7
AAD	-27.8

Frequency range for rating in accordance with ISO 717-1

Sound reduction index, R, in dB
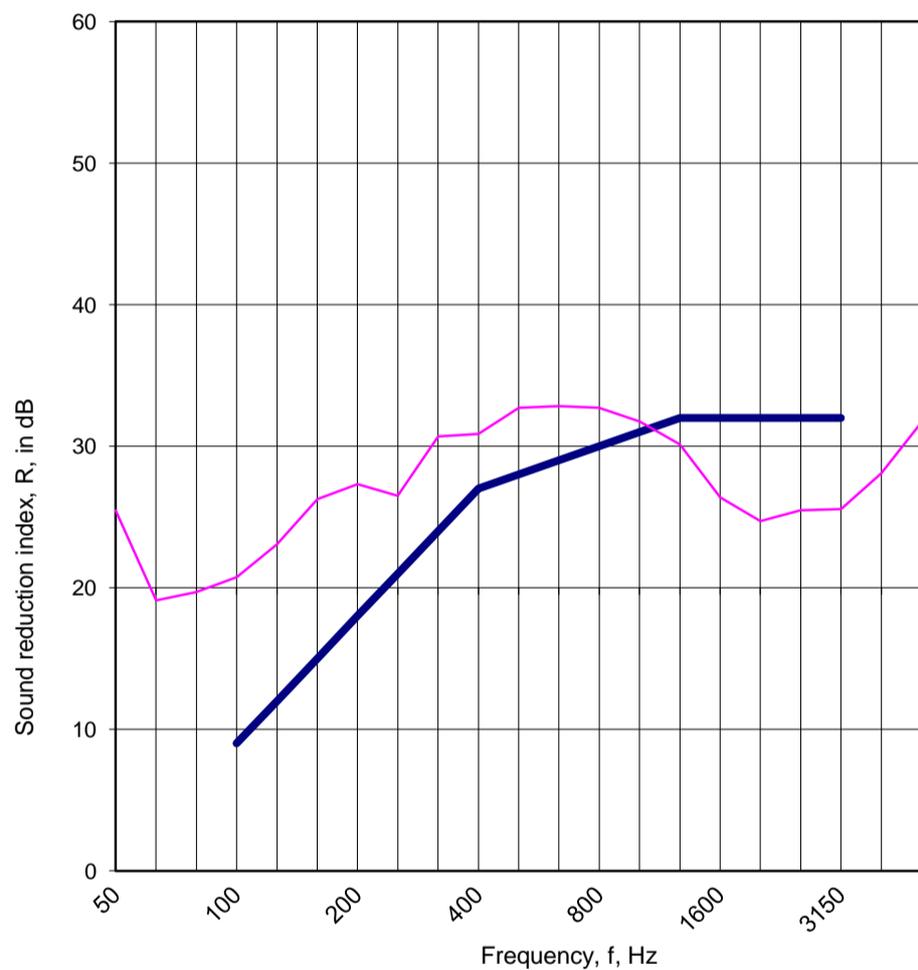
Frequency, f, Hz

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

R_w =	**28 dB**	C $_{(50 - 3150)}$ =	0 dB	C$_{tr\ (50 - 3150)}$ =	0	dB
R_w+C =	**28 dB**	C $_{(50 - 5000)}$ =	0 dB	C$_{tr\ (50 - 5000)}$ =	0	dB
R_w+C$_{tr}$ =	**28 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

Report for: Lorient Polyproducts Ltd

3mm GAP @ HEAD & JAMBS

44mm THICK
PREMDOR POPULAR
& DURADOR
2040 x 926mm

10mm GAP
@ THRESHOLD

LAS8001
AUTOMATIC
THRESHOLD SEAL

LAS4002 THRESHOLD PLATE

LAS7001 PERIMETER SEAL

90

32

15

32
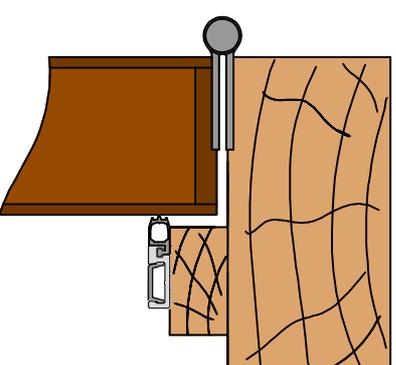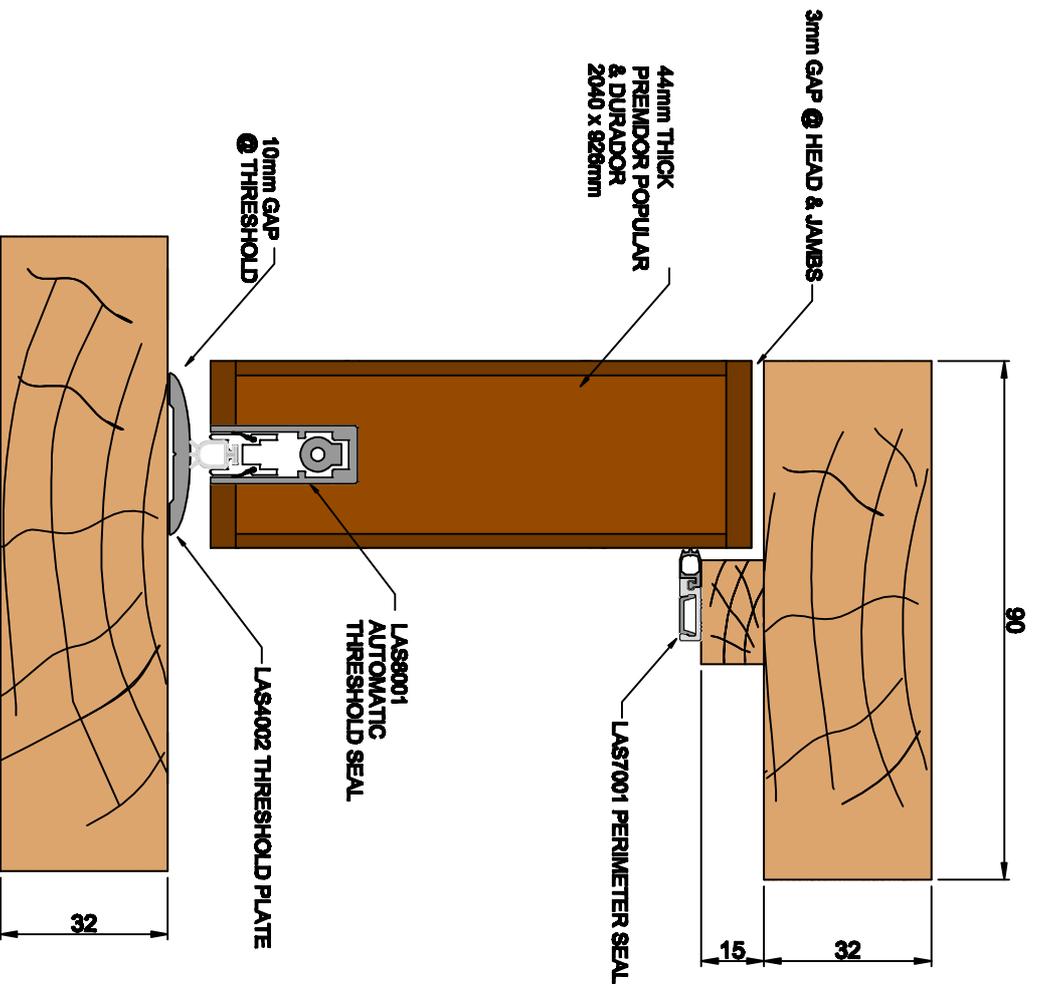
TEST : 40
44mm Premdor Popular & Durador - Hardwood Frame, Planted Stop
2040 x 926mm

LAS7001 Perimeter seal fitted to jamb and head stops.
LAS8001 concealed automatic threshold seal
fitted to bottom of door.

LAS4002 fitted at threshold

REV	DESCRIPTION	DATE
01	FIRST ISSUE	xx/xx/xxxx

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

TITLE:
ACOUSTIC TESTING CHILTERN

DRAWING NO:
LOR40