

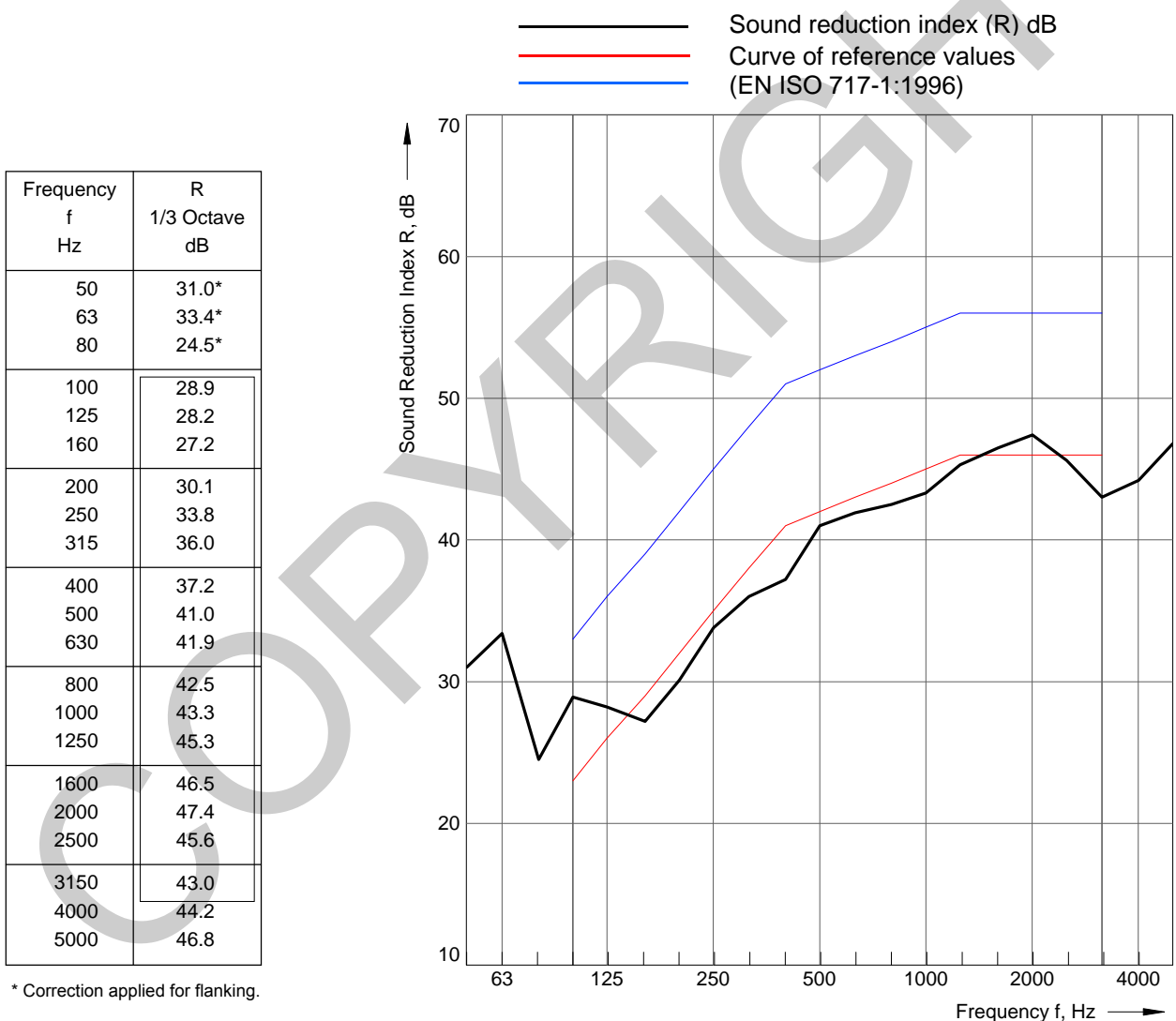
Acoustic performance of doorsets – tested in accordance with BS EN ISO 10140-2: 2010

52mm S3K single flush door in a hardwood frame. LAS1212 to jamb and head stops. LP1504DS to jambs and head (interrupted at hinges). LAS8001si automatic drop seal to bottom of door. LAS4014si threshold plate

Test Date: 20/10/2014
Test Number: 141020 002

Test specimen installed by: Lorient Testing & Technical Services
Test room temperature: 18.7°C
Test room static pressure: 1026hpa
Test room relative humidity: 65%

Area S of test element: 2.30m²
Source room volume: 68.40m³
Receiving room volume: 50.00m³
Sample mass per unit area: 31.28kg/m²



Rating according to ISO 717-1

$R_w (C; C_{tr}) = 42 (-1; -4) \text{ dB}$

$C_{50-3150} = -1 \text{ dB}; C_{50-5000} = 0 \text{ dB}; C_{100-5000} = 0 \text{ dB};$
 $C_{tr,50-3150} = -5 \text{ dB}; C_{tr,50-5000} = -5 \text{ dB}; C_{tr,100-5000} = -4 \text{ dB};$

Evaluation based on laboratory measurement results obtained in one-third-octave bands by an engineering method

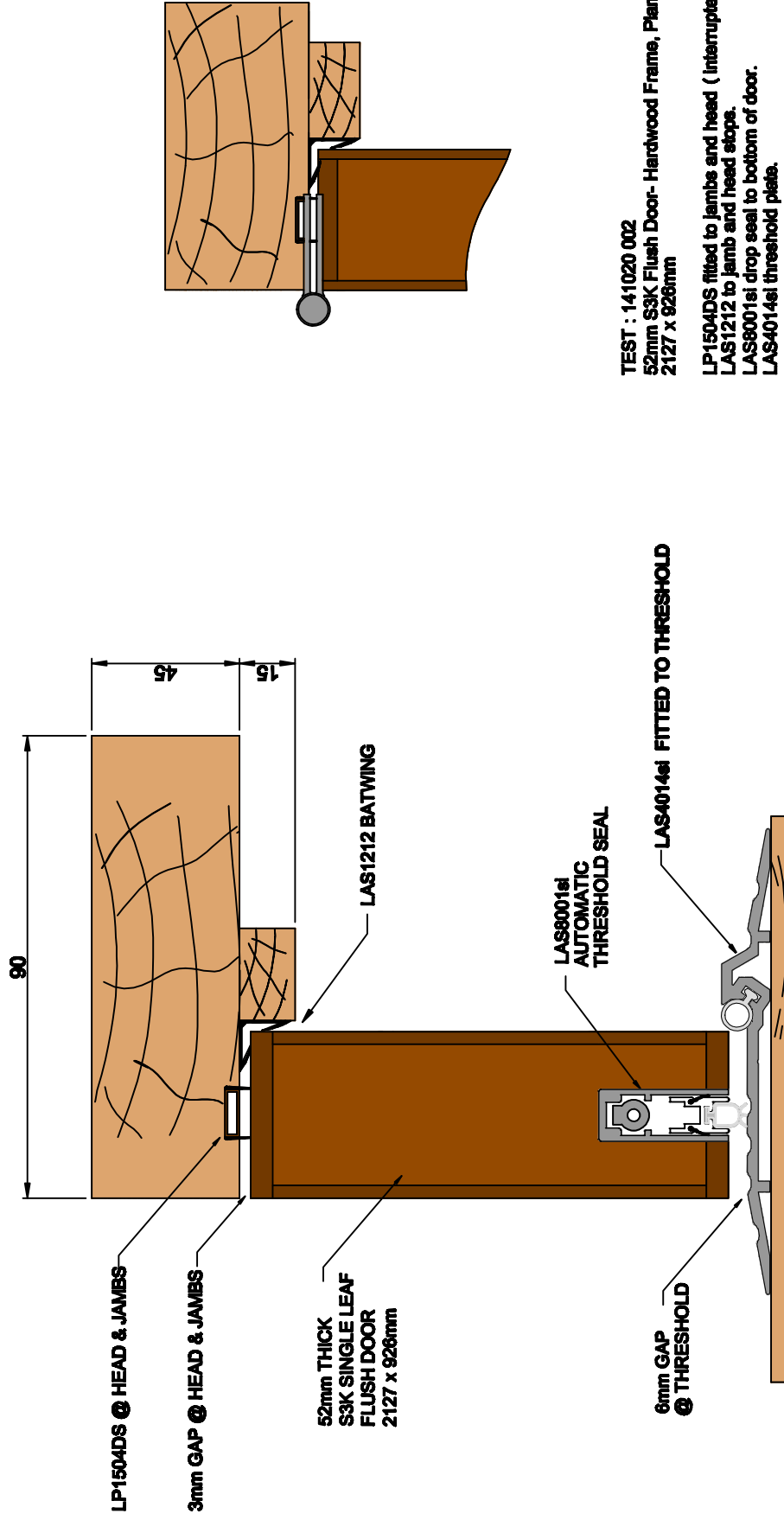


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Testing &
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TEST : 141020 002
 52mm S3K Flush Door- Hardwood Frame, Planted Stop
 2127 x 926mm

LP1504DS fitted to jambs and head (interrupted at hinge) .
 LAS1212 to jamb and head stops.
 LAS8001sl drop seal to bottom of door.
 LAS4014sl threshold plate.



LORIENT

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SCALE	NTS	TITLE:
DRAWN	MH	SAUERLAND AND ACOUSTIC & FIREDOOR SOLUTIONS LTD
DATE	20/10/14	DRAWING NO:
CHECKED	DF	141020 002
APPROVED	DF	

REV	DESCRIPTION	DATE
01	FIRST ISSUE	xx/xx/xxxx