

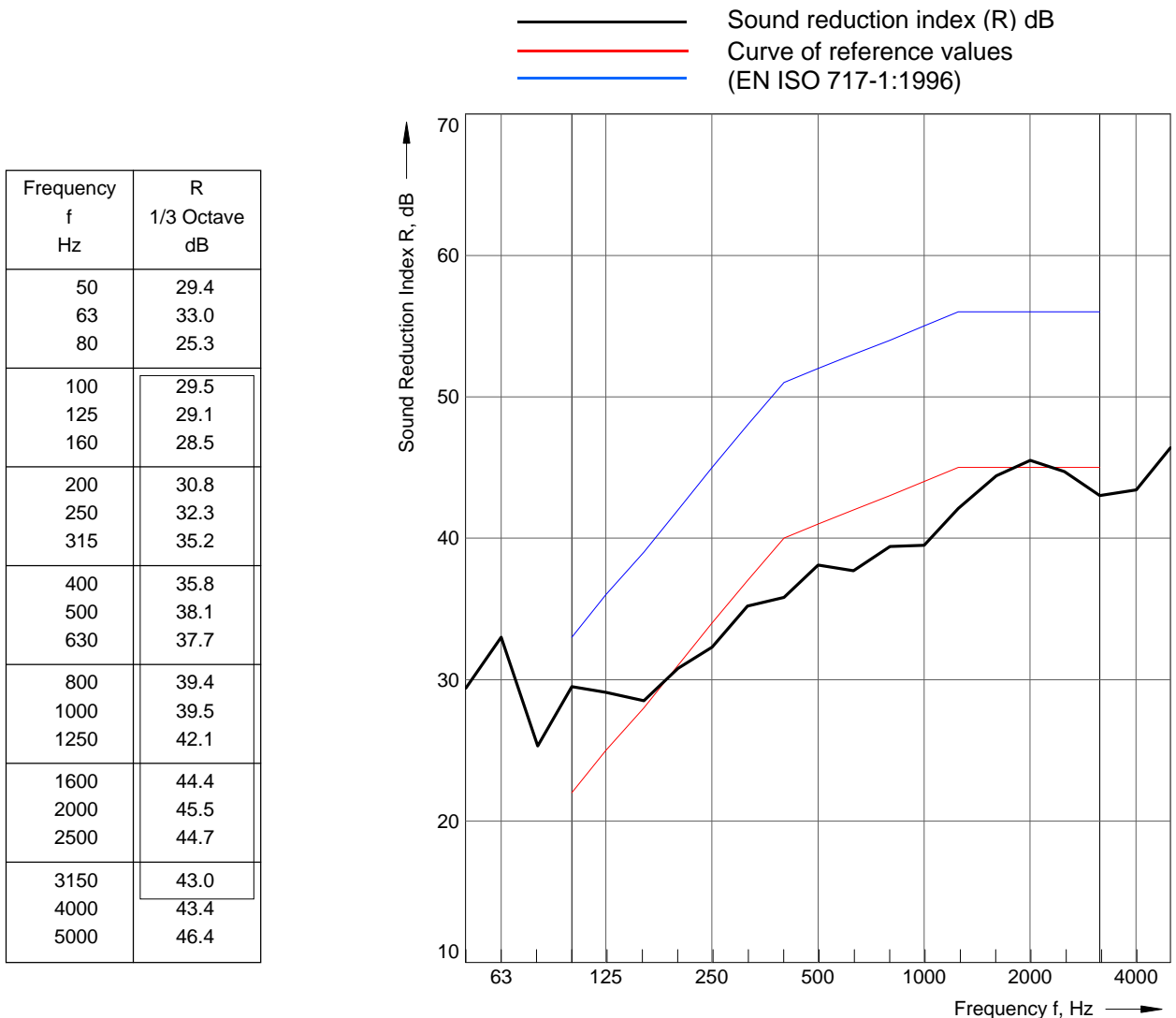
# Acoustic performance of doorsets – tested in accordance with BS EN ISO 10140-2: 2010

52mm S3K single flush door in a hardwood frame. LAS6001 magnetic seal to jamb and head stops opposing LAS6011 magnet to face of door. LAS8001si automatic drop seal to bottom of door. LAS4014si threshold plate.

**Test Date:** 04/11/2014  
**Test Number:** 141104 005

**Test specimen installed by:** Lorient Testing & Technical Services  
**Test room temperature:** 19.9°C  
**Test room static pressure:** 1002hpa  
**Test room relative humidity:** 51%

**Area S of test element:** 4.40m<sup>2</sup>  
**Source room volume:** 68.40m<sup>3</sup>  
**Receiving room volume:** 50.00m<sup>3</sup>  
**Sample mass per unit area:** 31.28kg/m<sup>2</sup>

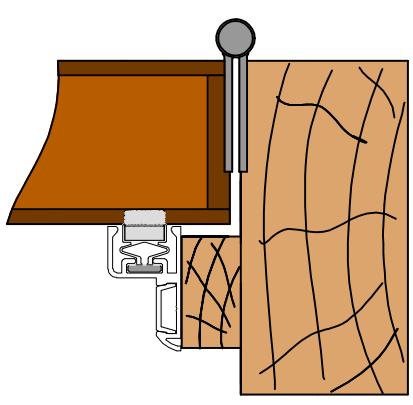
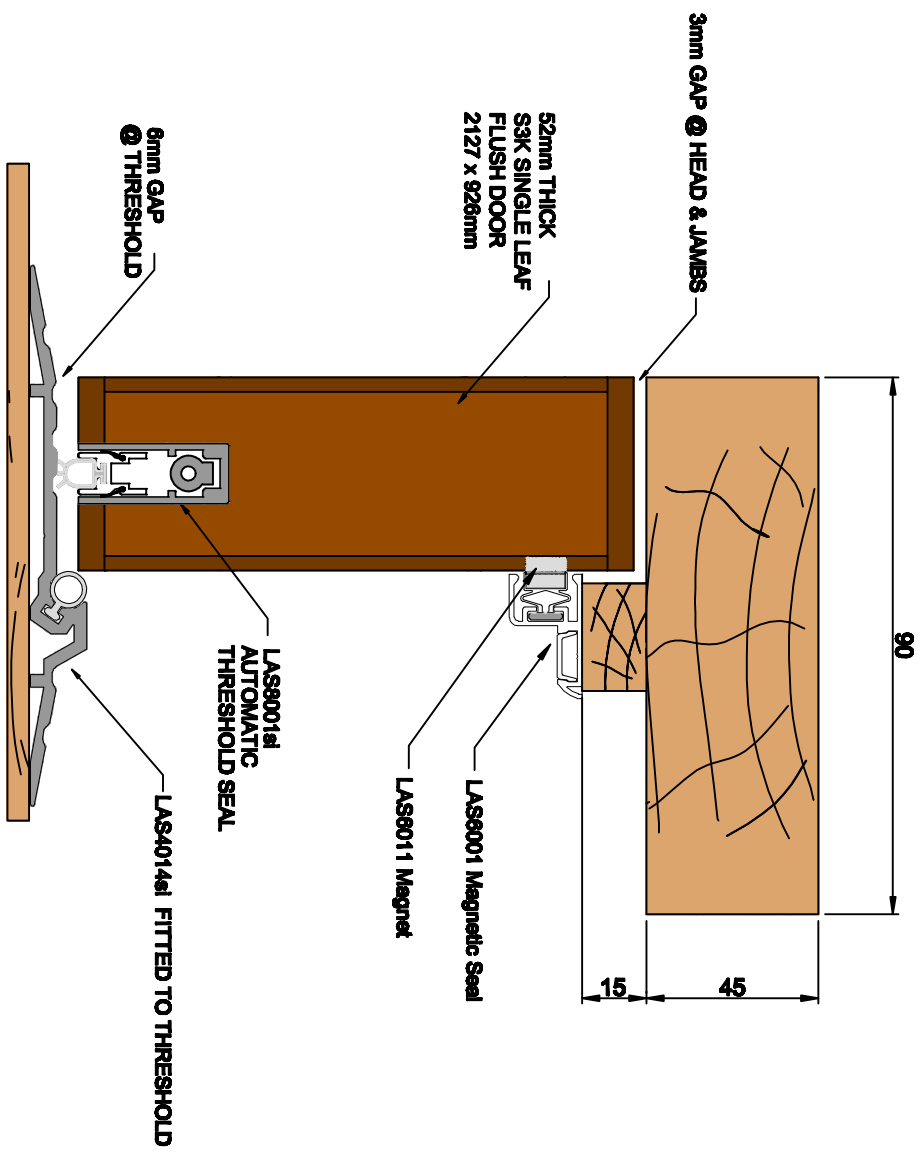


Rating according to ISO 717-1

$R_w (C; C_{tr}) = 41 (-1; -4) \text{ dB}$

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

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



TEST : 141104 005  
 52mm S3K Flush Door- Hardwood Frame, Planted Stop  
 2127 x 926mm

LAS6001 magnetic seal to jamb and head stops opposing  
 LAS6011 magnet to face of door.  
 LAS9001sl drop seal to bottom of door.  
 LAS4014sl threshold plate.

|     |             |            |
|-----|-------------|------------|
| REV | DESCRIPTION | DATE       |
| 01  | FIRST ISSUE | xx/xx/xxxx |



**LORIENT**

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|----------|----------|--|
| SCALE    | NTS      | TITLE:   |
| DRAWN    | MIH      | SAUERLAND AND<br>ACOUSTIC & FIREDOOR SOLUTIONS LTD |
| DATE     | 20/10/14 |  |
| CHECKED  | DF       | DRAWING NO:<br>141104 005                          |
| APPROVED | DF       |  |

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