



# APARTMENT ENTRANCE DOORSET AXIOME 39 PAS 24

(single leaf)

TIMBER FIRE-RATED AND ACOUSTIC DOORSETS

## DOOR LEAF

- HUET multi-layer acoustic & anti breaking core
- Thickness: 40mm concealed engineered beech stiles all round
- High stability leaf due to the inclusion of 2 steel sheets

## DOOR FRAME

- Engineered beech 98 x 51mm
- Rebated monoblock frame
- Extension linings available
- Frame can be stained, varnished or fully painted
- Frame can be wrapped with wood veneer to match door leaf facings

## CHOICE OF DOOR FACINGS

- Primed
- Wood veneers to match approved samples
- Laminated
- Engraved to a wide choice of standard and bespoke finishes
- Fully painted

## IRONMONGERY

- Hinges: 4 lift-off hinges or 3 butt hinges
- Lock: Vachette 5000 SPN1 A2P\* 3 points
- Cylinder: Anti snap cylinder or standard cylinder
- Escutcheon: Anti breaking escutcheon or standard escutcheon
- Doorcloser option: Concealed doorcloser DORMA ITS96
- Spy hole (as an option)

## PERIMETER SEALS

- Intumescent seals factory fitted
- Combined smoke and acoustic seals fitted within the frame and leaf
- Mechanical drop seal or Flat threshold 35 x 12mm

### 39dB

ACCORDING TO EN STANDARDS

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### EI30

EITHER SIDE ACCORDING TO EN/BS STANDARDS

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### 3c Stability\*

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### Smoke Seal

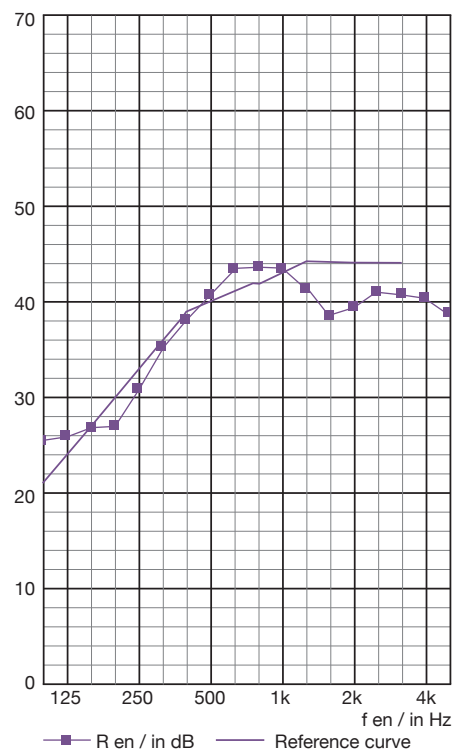
(S<sub>a</sub> Classification)  
(EN 13501-2) / BS EN 1634-3)

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### PAS 24 Anti Breaking

ACCORDING TO BS STANDARDS

\*Stability of the door leaf is an important factor, particularly in areas of temperature variance between rooms or between rooms and corridors. Any distortion of the door leaf will result in the seals not functioning correctly. With the inclusion of a minimum of 2 steel sheets and other materials, Huet door leaves offer less than 4mm of distortion. The result is a door leaf and seal which continues to perform even with wide temperature differences.



f	R
100	25,5
125	26,0
160	26,8
200	27,0
250	30,8
315	35,3
400	38,1
500	40,7
630	43,4
800	43,5
1000	43,4
1250	41,3
1600	38,6
2000	39,4
2500	41,0
3150	40,8
4000	40,4
5000	38,8
Hz	dB

(+): corrected value  
(+): station limit  
R<sub>w</sub> (C;C<sub>tr</sub>) = 40(-1;-4) dB  
For information:  
RA = R<sub>w</sub>+C = 39 dB  
R<sub>A,tr</sub> = R<sub>w</sub>+C<sub>tr</sub> = 36 dB



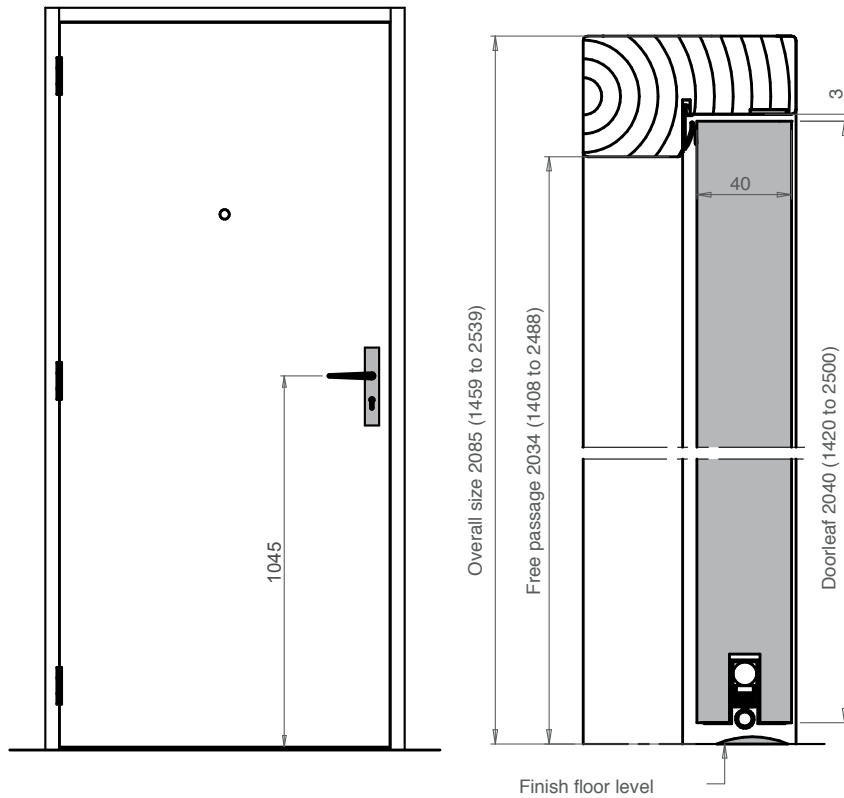


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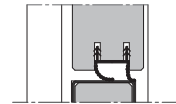
(single leaf)

TIMBER FIRE-RATED AND ACOUSTIC DOORSETS

All sizes are in mm



Flat threshold 35x12



Mechanical drop seal

