

# CHORUS 42 EI30

(SINGLE LEAF)

**HUET**  
HIGH PERFORMANCE  
DOORS

## MEDIUM PERFORMANCE TIMBER ACOUSTIC DOORSETS



### DOOR LEAF :

- Huet multi-layer acoustic core.
- Thickness : 40mm hardwood stiles all round.
- High stability leaf due to the inclusion of 2 steel sheets.

### LIPPINGS :

Choice of either concealed or exposed rebated lippings (7mm thick). Are available in Hardwood (our choice) or Beech or European Oak by request, these can be fitted to the two long edges.

### DOOR FRAME :

- Hardwood (of our choice).
- Beech (by request).
- European Oak (by request).
- Rebated monoblock frame.
- Variety of widths.
- Extension linings available.

### IRONMONGERY :

- 4 lift-off hinges - 140 x 70mm mild or stainless steel.
- Cut-outs/mortices are available to suit a variety of locks and handles.

### PERIMETER SEALS :

- Intumescent seals factory fitted.
- Combined smoke and acoustic seals fitted within the frame and leaf

### CHOICE OF DOOR FACINGS :

- Primed.
- Wood veneers to match approved samples.
- Laminated.
- White paint finish + other colour available by request.
- Engraved to a wide choice of standard and bespoke finishes.

### OPTIONS :

- Frame can be lacquered, stained or varnished.
- Spy hole.
- Choice of electromagnetic lock.
- Concealed door closer available.



42<sub>(-2;5)</sub> dB

(NF EN ISO 140-3/NF EN ISO 717-1)



EI30

(EITHER SIDE - BS EN 1634-1)



3C Stability\*  
Climate III

(NF EN 12219)

Fréquence (Hz)	R (dB)
100	25.8
125	25.7
160	27.9
200	28
250	30.6
315	38.4
400	39.5
500	41.1
630	41.4
800	43
1000	43.7
1250	42.9
1600	41.9
2000	42.9
2500	45.5
3150	46.6
4000	46.3
5000	44

$R_{w, (C; C_1)}$	42 (-2 - 5) dB
$R_{w, C_1}$	40 dB
$R_{w, C_2}$	37 dB



### \*Climate III :

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 leaf offer less than 1mm of distortion. The result is a door leaf and seal which continues to perform even with wide temperature differences.

# CHORUS 42 E130 (SINGLE LEAF)

## MEDIUM PERFORMANCE TIMBER ACOUSTIC DOORSETS

