

Door blank with Chen-Chen veneer / 110 mm stiles and rails

Facing: 1,5 mm Chen-Chen veneer on cross banded plywood with 0,3 mm aluminium
Stiles: 110 mm finger joint pine timber
Rails: 110 mm finger joint pine timber
Core: Polystyrene insulation

U-Value:

| U-Value - W/m ² K | | | | | | | |
|------------------------------|-------|-------|-------|-------|-------|-------|--|
| 58 mm | 60 mm | 64 mm | 68 mm | 73 mm | 78 mm | 88 mm | |
| 0,95 | 0,92 | 0,87 | 0,83 | 0,79 | 0,73 | 0,66 | |

Heat conductivity is calculated on the basis of the practical heat conductivity of each included material - taken from data sheets and DS418:2011

Weight:

| Weight appr. Kg./m ² | | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|--|
| 58 mm | 60 mm | 64 mm | 68 mm | 73 mm | 78 mm | 88 mm | |
| 15,3 | 15,6 | 16,4 | 17,0 | 18,1 | 18,6 | 20,3 | |

Size 1000 x 2000 mm.

Performance:

| | Classification standards | Performance |
|---------------------|---|-------------|
| Operating Forces | EN12217 | Class 5 |
| Climatic Influences | EN12219 | Class 3 |
| Security | EN1627 / EN1628-30 | N/A |
| Sound | EN10140-2 | 22 dB |
| Fire | EN13501-2 / EN1634-1 | N/A |
| FSC Certified | FSC-STD-40-004 V2-1/FSC-STD-50-001 V1-2 | N/A |

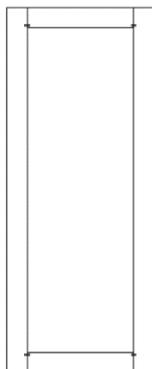
General tests has been carried out on a 68 mm. door blank with chen-chen veneer.
 Sound tests has been carried out on a 60 mm. door blank with chen-chen veneer.
 Size 1000 x 2100 mm. Stiles and rails 55 mm.

Measure: Min.: 250 x 450 mm - Max.: 1200 x 2400 mm

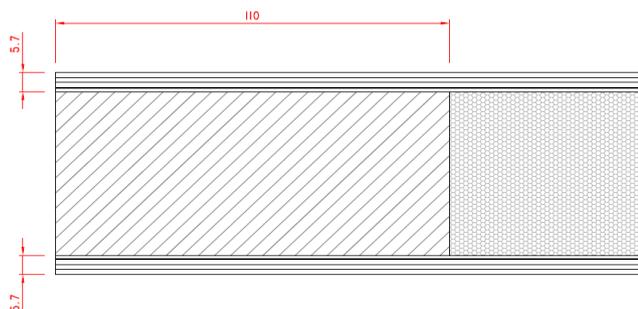
Tolerances:

Door blank: Width/Height: +/- 1 mm - Diagonal: +/- 2 mm - Thickness: +/- 0,8 mm
 Facing: Measurements on facing is before final sanding
 Stiles and rails: Width: +/- 2 mm
 Core: Inserts: +/- 1 mm on plywood

Elevation and section drawing:



Stiles and rails: Front perspective



| | | |
|---------------------|-----------------|------------|
| Made: 05.03.2014 | Data sheet: PMN | Draw.: HMN |
| Revised: 25.06.2024 | Data sheet: OLN | Draw.: CRS |