

technical specification

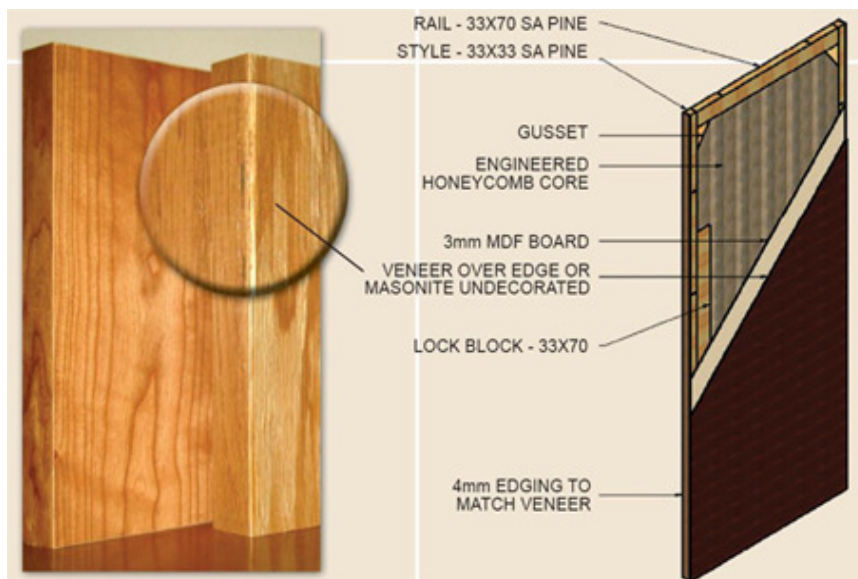
Trucore Timber Doors

Pelican Systems' Trucore timber doors are available in 2 different core constructions, depending on your door requirements and budget. These are namely, Medium & Heavy Duty.

Trucore Medium Duty Door

Totally eco-friendly, the door's honeycomb core is manufactured using recycled material and offers:

- Lightweight which means easier transportation, handling, storage, and are simply lighter to work with.
- Innovative technology of the core delivers all the strength benefits of typical honeycomb type construction.
- Made from recycled material the core is fully recyclable and repulable.



Medium Duty Door Construction

- Doors are a nominal 40 mm thick.
- Inner frames are constructed of SA pine with lock blocks to two sides only.
- Door cores are constructed of X-Core Honeycomb technology.
- Door edges are either exposed SA pine or veneered over edge.
- Door faces are made up of a suitable board substrate for board substrate for painting or a veneered finish.



DIN EN 9001:2000
CERTIFICATE NO. 01 100 8280061
ISO CERTIFICATION FOR DURBAN ONLY

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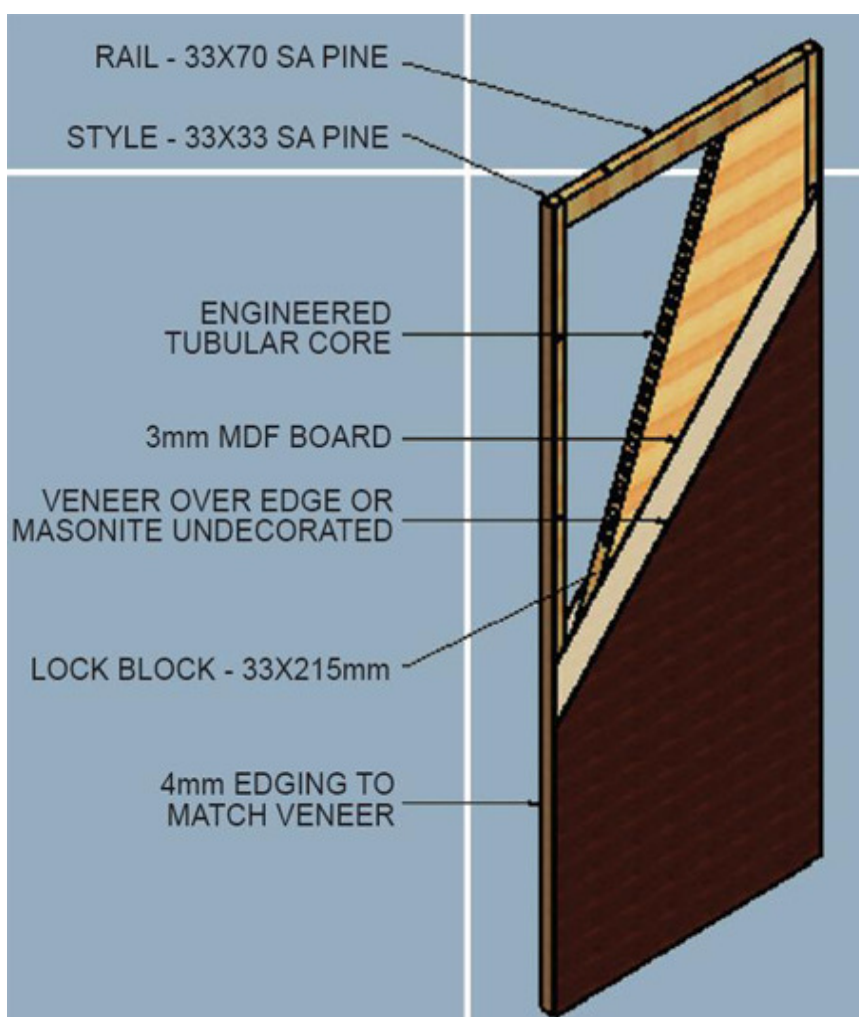


Trucore Heavy Duty Door

- Tubular Cores reduce the weight of the doors by up to 60% compared to conventional solid doors.
- Tubular Cores have a guaranteed thickness tolerance of +/- 0.1mm.
- Pressure of up to 20kg/cm will not cause any deformation of the door's core.
- Sound Insulation of up to 30 d/b.

Heavy Duty Door Construction

- Doors are a nominal 40 mm thick.
- Door cores are constructed with tubular core technology.
- Door edges are generally solid veneered over edge.
- Door faces are made up of a suitable board substrate for painting or decoration or a veneered finish.



Tubular Core Performance

Unique tubular design

High stability and impact resistance, yet low weight,

Acoustics

Sound Insulation

30 dB

Smoke Protection

30 minutes

Climate Protection

Class b

Mechanical Performance

Class 4

The particles are positioned vertically to the surface of the board ensuring:

- Low thickness swelling
- Great impact resistance
- High flexibility
- Good performance during fire test

Homogeneous density over the whole cross-section of the board:

- Equally high screw withdrawal on every part of the board

Solid and tubular sectors can be combined in one board:

- Lock and hinge areas
- Profile areas