



DCM SHRIRAM

Growing with trust

FENESTA ENGINEERED WOODEN DOORS

New Portfolio

Fenesta

Better by Design

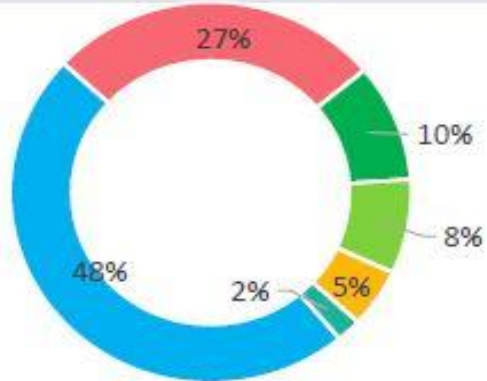
India's No.1 Windows & Doors Brand

Top of mind awareness – Door frames and panels

Top of mind awareness for door frame and panel is very high for wood

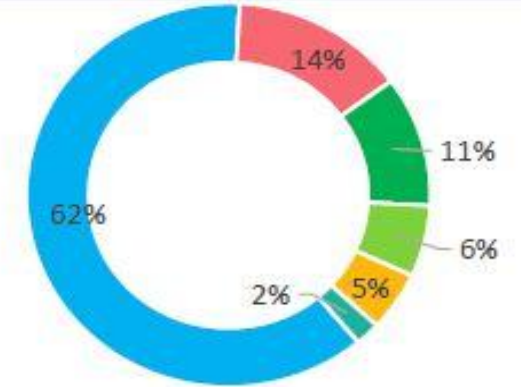
Top of mind awareness for door panel

- Engineered wood
- Flush doors
- Steel doors
- Iron doors
- uPVC
- PVC doors

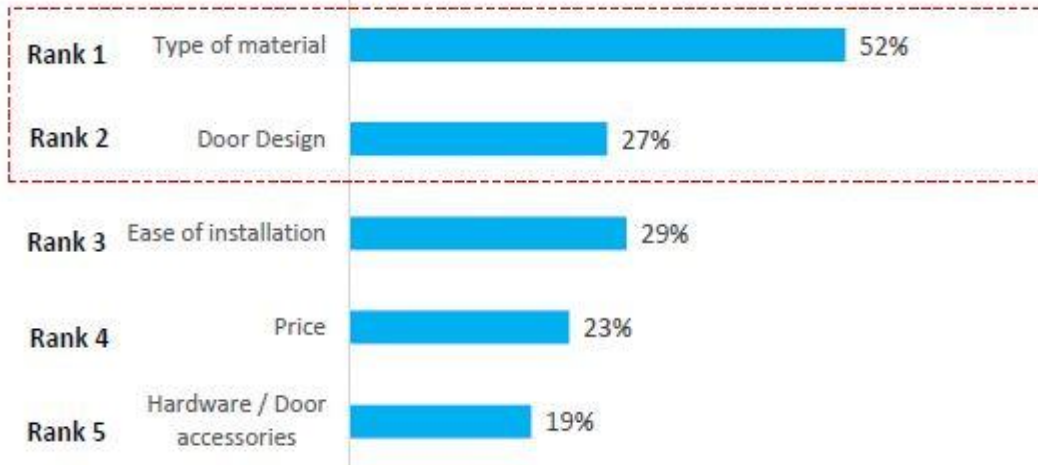


Top of mind awareness for door frame

- Solid wood
- Steel doors
- Iron frame
- Granite / stone
- WPC
- uPVC

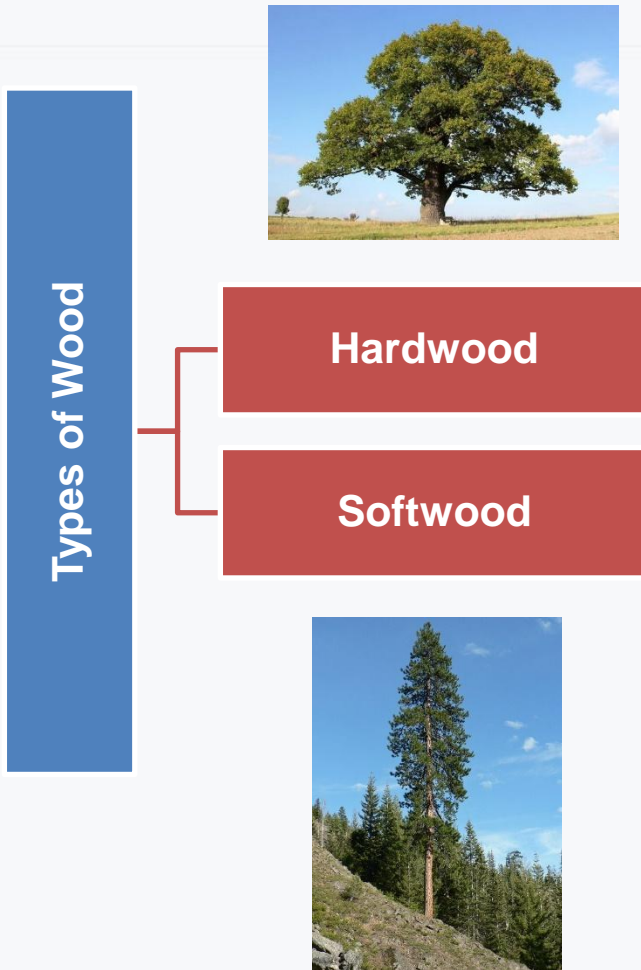


Key factors considered when buying a door



Good Quality Engineered Wood Doors





Longevity: Offers great durability over time

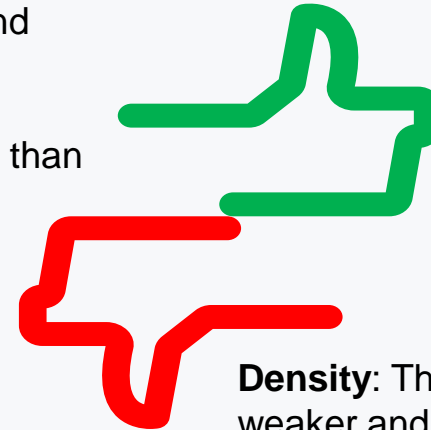
Easy maintenance: Easy to clean, and scratches and dents can be fixed

Strength: The trees' dense cellular structure gives the timber incredible strength

Appearance: available in a range of colours and finishes

Fire resistance: Offers a higher fire resistance than softwood

Advantages of Hardwood



Density: The lower density means it's weaker and less durable

Disadvantages of Softwood

Longevity: less suitable for high application areas as it does not wear as well as hardwood over time

Fire resistance: Softwoods tend to have poor fire resistance

VENEER



- Veneer is obtained either by "peeling" the trunk of a tree or by slicing large rectangular blocks of wood
- The natural grain patterns of wood gives the veneer sheets a rich, warm and aesthetically pleasing look
- Veneers can be stained into different colours and finishes like gloss and matte
- Veneers are polished (PU) to make them long lasting

LAMINATE

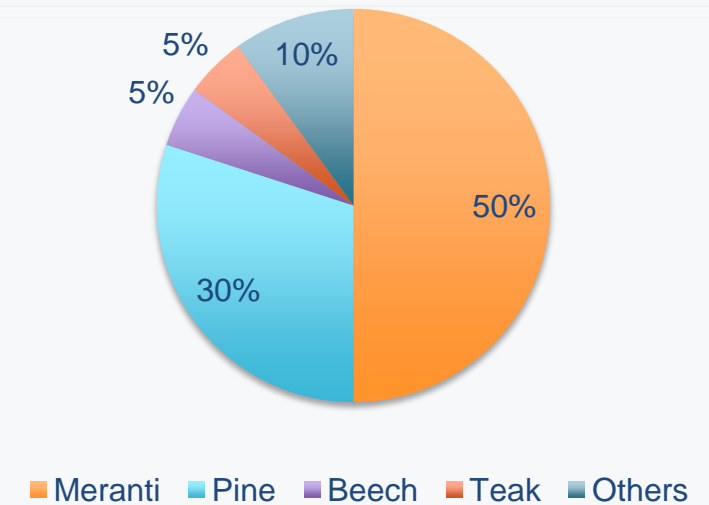


- Decorative laminates are produced artificially from paper and plastic
- Laminates are preferred due to their easy installation on any wood surface like plywood and MDF panel.
- They are relatively less expensive veneer sheets.
- The material is highly durable and easy to clean

What do Carpenters Use?

- Most of the doors and door frames are made by Meranti and Pine Wood
- Meranti wood is highly susceptible to termites
- Meranti wood needs regular maintenance such as regular polishing
- Pine wood is soft wood and can be scratched and dented easily
- Pinewood is not weatherproof as well

Wood Consumption in India



Common species names	Density	Janka Hardness (N)	Modulus of Rupture (Mpa)	Crushing Strength (Mpa)
Teak	980	4,740	97	55
Beech	750	5,780	103	51.1
Red Meranti	650	3,570	88	48.8
Pine Wood	420	3,000	87	50.6

https://www.researchgate.net/publication/285739532_Selected_properties_of_European_beech_Fagus_sylvatica_Lf---text=The%20average%20density%20of%20beech_wood_with%20moisture%20content%20of%2012%20to%2026
<https://www.cabi.org/ISC/abstract/20113278557#---text=The%20Meranti%20timbers%20were%20classified.700%20kg%20m%20%20%20D3>
https://pirt.gov.in/july_2021.pdf

WOOD QUALITY

- No Check on Moisture Content
- Untreated Wood
- Lower Grade Wood

COLOUR MATCHING

- Colour Mismatch between Frame and Panel
- Colour is done by Hand with no control



FINISHING

- Door Sizing and Cutting is done by Hand
- Cheap / Uneven Polish on Panels

SWELLING & INSECTS

- Poor Quality wood leads to swelling and contraction of door panels and Frames
- Untreated wood and prone to insect attacks

EXPOSED PANEL EDGES

- Water Seeps in from bottom of panels with no edge bands

Fenesta Offering





One Stop Solution

Design, Manufacture, Install, Accessories & Service



100+ Styles, 100% Customized Size

Choose or customize as per your needs



Best in Class Raw Materials

Genuine Treated wood for Long lasting Doors



100% Factory Made

Superior Finish, Precision, Quality and No on-site Mess




Professional Installation

Trained professionals install Fenesta Doors



Wood Offering by Fenesta

Material	Steam Beech	
Wood Type	Beech wood is obtained from Beech tree which is also called “Queen of the woods”	
Source of Region	South East Europe	
Properties	<ul style="list-style-type: none">• Its grain holds the polish and paint well and gives a finishing look• Due to its fine and straight grain, it gives a uniform texture and looks good on doors and frames	
Colour	Beech Wood originally has a pale cream colour, but steamed to make it darker and attractive	
Uses	Doors, Frames, Flooring, Musical Instruments	
Density	700-900 kg/m3	

Common Species Name	Density (Kg/m ³)	Janka Hardness(N)
Indian Teak	670	4295
European Beech	720	5780

European Beech is more superior wood when it comes to construction of Wooden Door Frames

Density

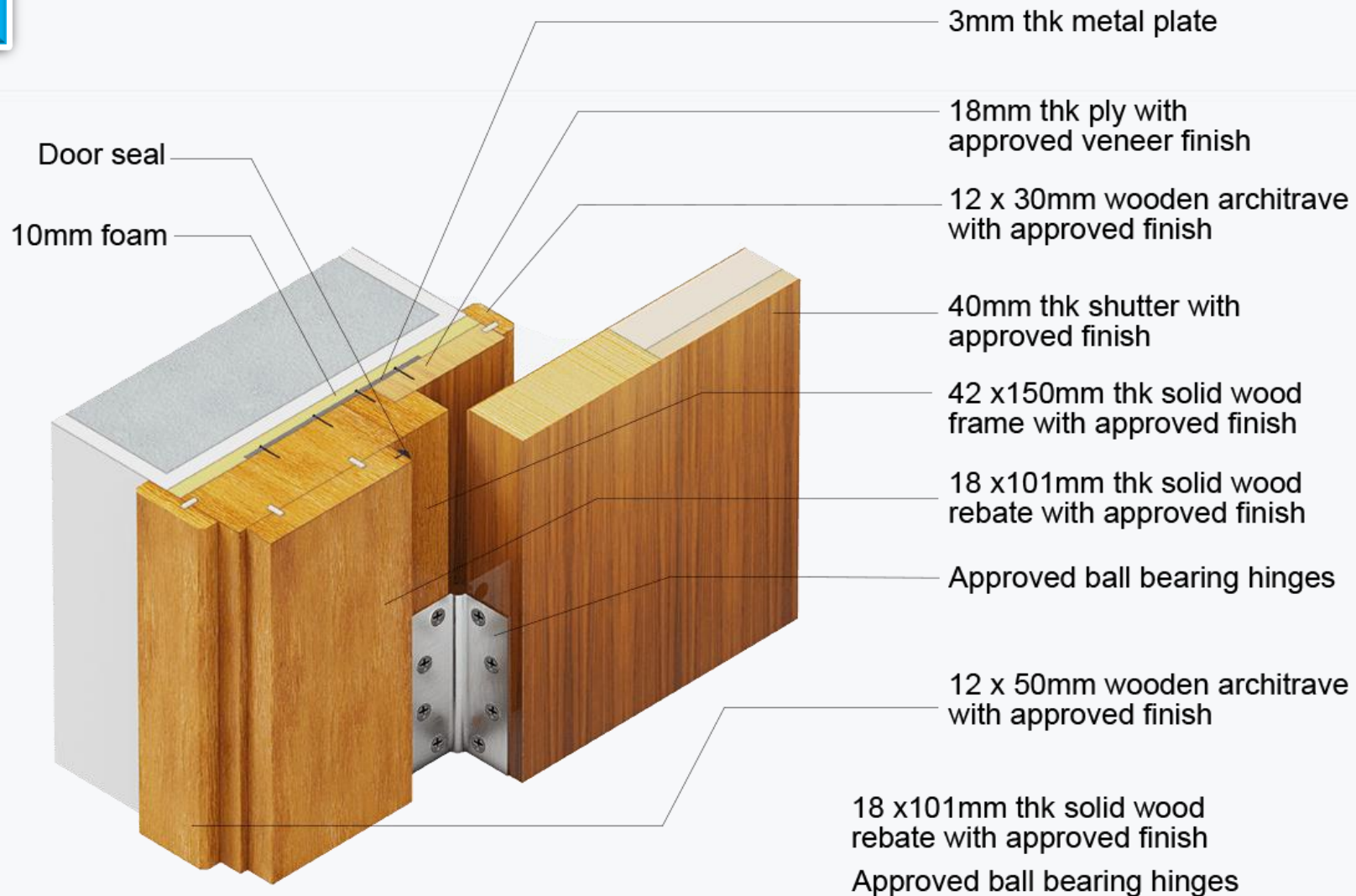
High-density wood is usually associated with high lumber strength and stiffness

Janka Hardness

The Janka Wood Hardness Scale refers to how dense a type of wood is and how resistant to dents, dings, and wear that a type of wood will be once installed

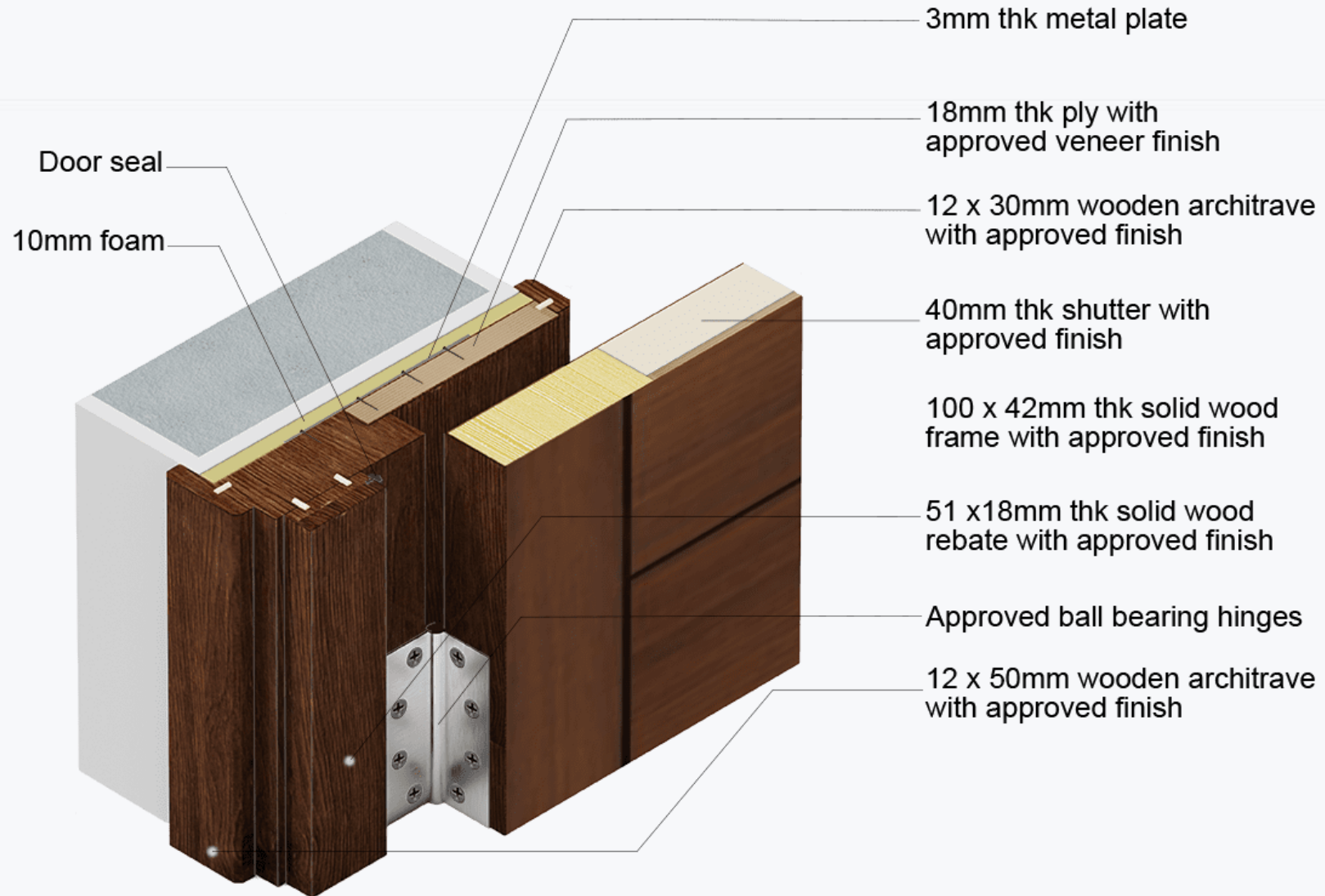
Wooden Frames and Veneer & Laminate Panels

Frame 150x60



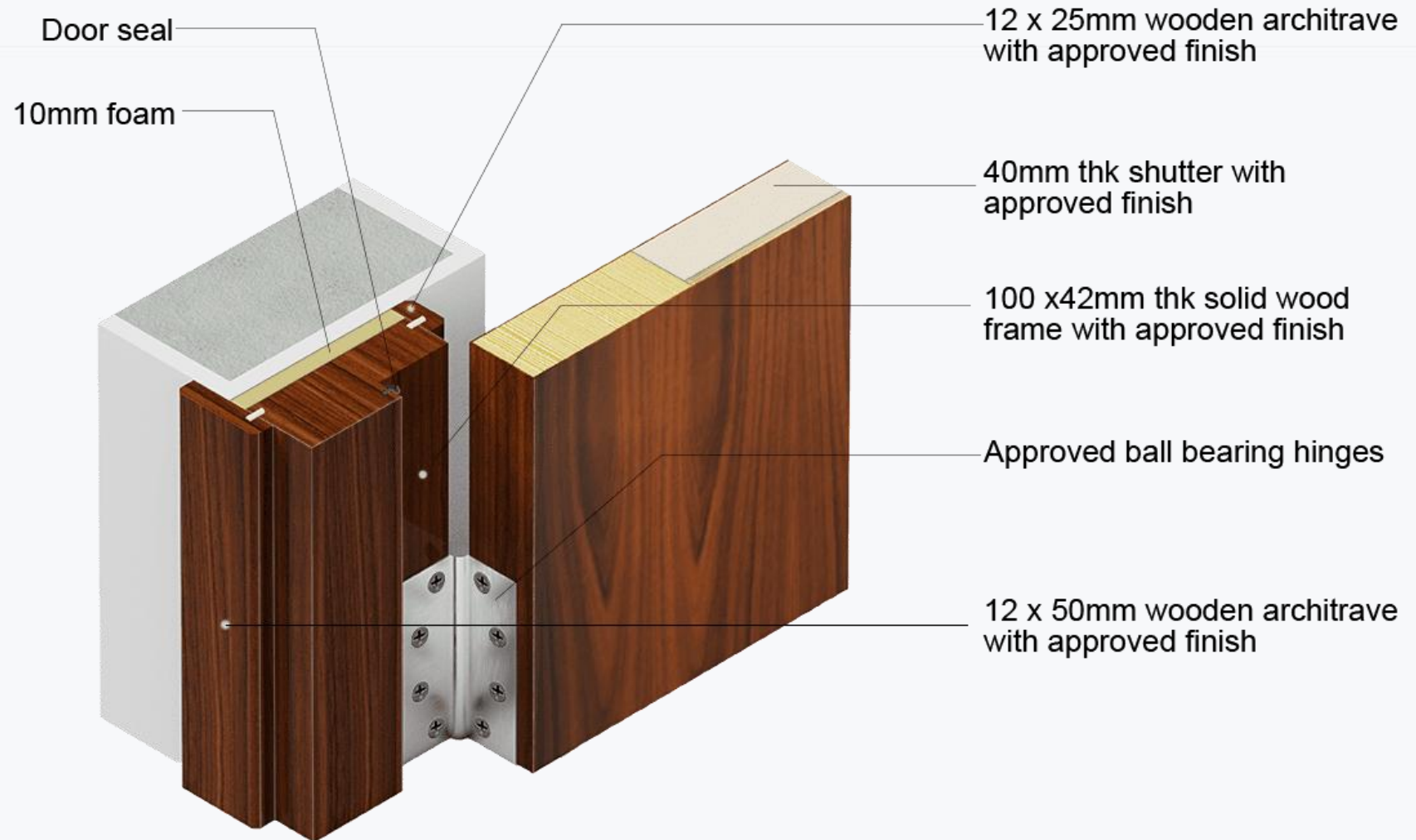
Wooden Frames and Veneer & Laminate Panels

Frame 100x60



Wooden Frames and Veneer & Laminate Panels

Frame 100x45





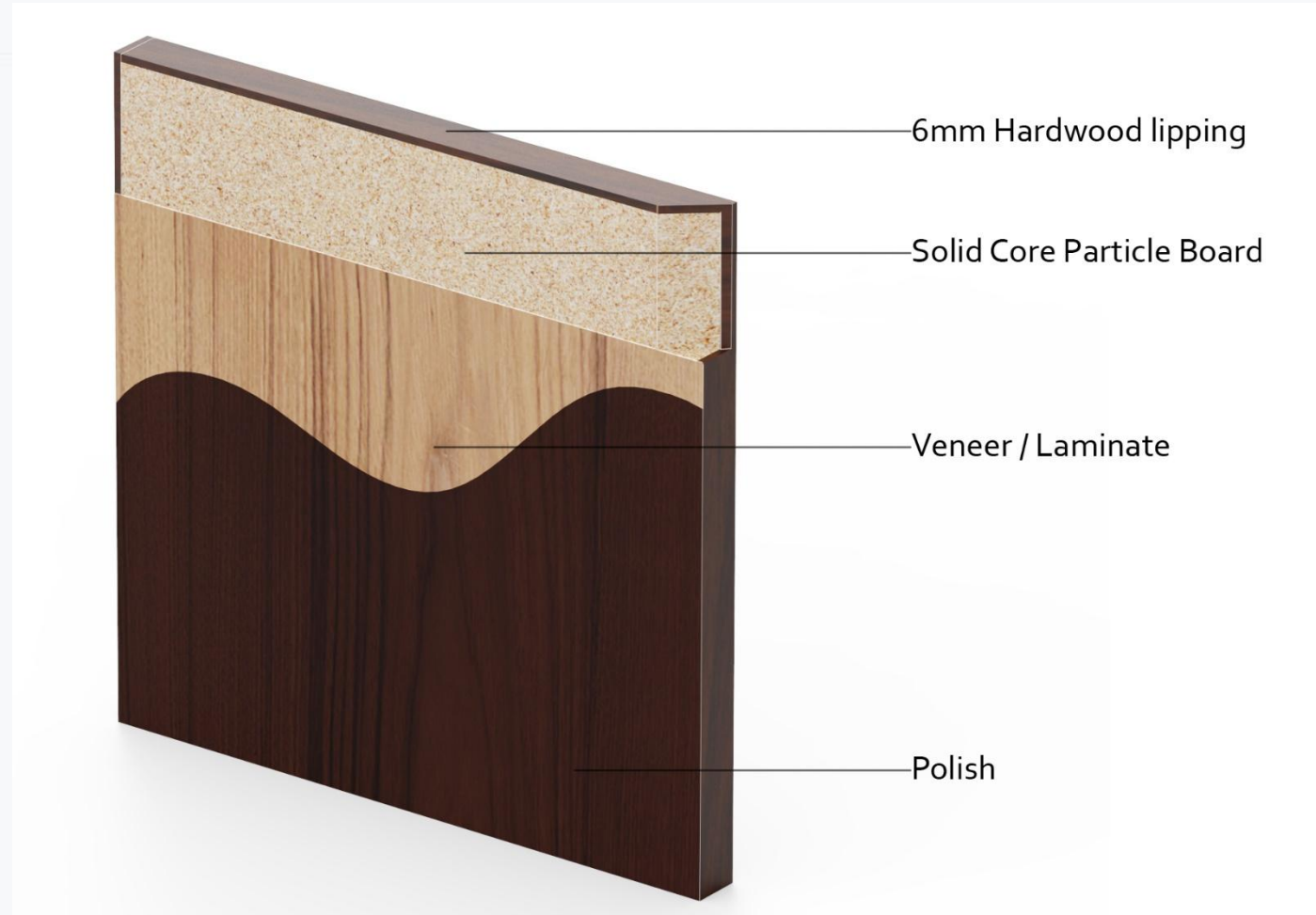
- 150 x 60mm Frame
- Extendible to cover sill



- 100 x 60mm Frame
- Extendible to cover sill



- 100 x 42mm Frame
- Fixed sill with of 100mm frame



Designs - Veneer



2 Vertical



Horizontal



Vertical



Vertical + Horizontal



Plain

Designs - Laminate



2 Vertical



Horizontal



Vertical



Vertical + Horizontal



Plain



WALNUT



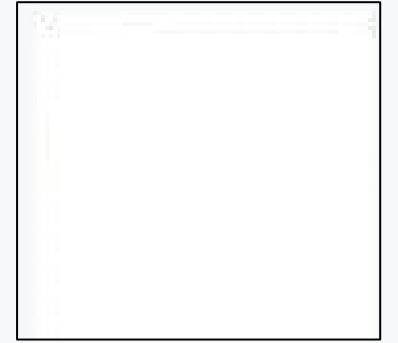
DARK OAK



MAHOGANY



LIGHT OAK



PRISTINE WHITE

Note:-

1. Pristine White Color not available for Laminate Skin
2. Pristine White Color not available for Horizontal, Vertical, Horizontal Vertical & 2 Vertical Finish

Flawless Colours

- Colour Matching Panels and Frames
- PU Polish with UV curing for long lasting polish
- Polish line for Uniform and Finish and longevity

Tailor Fit

- Dimensional Accuracy with machine processing
 - Factory made doors after measurement at site

Quality Materials

- Wood with 12% moisture content
- Treated wood to avoid seasonal changes
- Door Seal to avoid banging noise



Factory Finished

- Machine Edge Banded
- Hinge Slot and Handle Routing cut with precision
- Veneer and Laminate pressed using superior glue and hot press machines

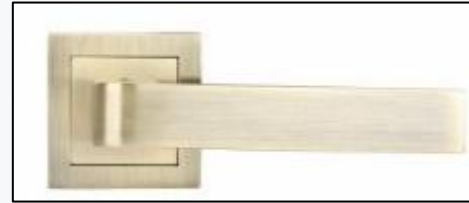
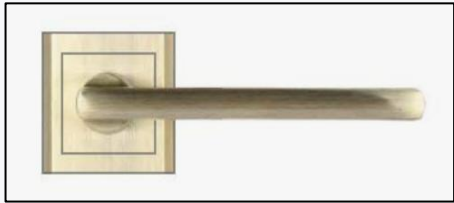
One Stop Solution

- Premium Handle and Other accessories along with Doors
- Fenesta Installation and After sales service
- All doors and Windows from one provider

Unmatched Strength

- IS 2202 Certified
- Wood Genuinity

Yale Handles and Locksets



Colours Available – SS, AB and MB

Accessories on Request (NPR)



Digital Lock



Entrance Lock



Tower Bolt



Door Closer

Door Portfolio Summary

