



# SAMPOERNA KAYOE

C O M P A N Y P R O F I L E

SUSTAINABLE TOMORROW STARTS TODAY

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**SAMPOERNA KAYOE**



SAMPOERNA KAYOE

# Sampoerna Kayoe A Leading Engineered Wood Solution Provider in The World

Established in 1978, we started out as a down stream processed timber products manufacturer without natural forest concessions and industrial forest plantations. Our first operation was started in Sulawesi, with an annual production capacity of 12,000m<sup>3</sup>.



## Our Journey

Over the past 45 years, we have focused extensively on developing our research and development, management, processing, logistics, and distribution capabilities to achieve a competitive edge over our competitors. We have developed a strong business and operating model, enabling us to continuously expand our processing capacity and maintain sustainability in our production.

Our strong experience has helped us gain success and grow steadily amid the changing business environment. The organic expansion in our group contributed to a total production capacity of more than 850,000 m<sup>3</sup> annually, allowing us to be a major engineered wood manufacturer in Indonesia and one of the largest globally.



## Sustainable Tomorrow Starts Today

**Sustainable Tomorrow Starts Today** is a statement and philosophy of Sampoerna Kayoe. We emphasize that there are consequences for all the actions we take today and how it can determine our future. This is also the motivation that sustainability is an important problem and a solution needs to be found.



## Striving for Customer Satisfaction

Achieving the satisfaction of our customers is our utmost priority. With persistent empowerment to have the customer's interest in mind, our employees strive to care for and meet the needs of our customers with enthusiasm.

## High Capacity for Wide Range of Selections

Our main products are plywood, laminated veneer lumber (LVL), deck, and door. Employing the most skilled production team, we only use first-choice wood for our products to create customized solutions for our customers. We are also equipped with high-capacity production facilities to meet the growing market demand from all segments and to fulfil our mission of becoming the market leader in the industry.



## Pursuing A High-Standard Process

Through our experience in the industry, we have acquired knowledge of excellent production processes. We ensure that our products and processes comply with the global standards for quality and environment management. Moreover, we are 100% inspected according to international standards; we have obtained certifications from the Japan Agricultural Standard (JAS), the United States Environmental Protection Agency (US EPA), the California Air Resource Board (CARB), ISO 9001 (Quality Management System), ISO 14001 (Environment), and many more. We are committed to providing high-quality products consistently.

## Available Worldwide

(Asia, America, Australia, Africa, Europe)

Algeria, Australia, Belgium, China, Croatia, Denmark, France, Germany, Hong Kong, India, Indonesia, Iraq, Italy, Japan, Jordan, Kuwait, Malaysia, Mexico, New Zealand, Oman, Philippines, Poland, Puerto Rico, Saudi Arabia, Singapore, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Timor Leste, United Arab Emirates, United Kingdom, USA Myanmar, Senegal, Cambodia, Libya.



### Our manufacturing facilities:



Production Capacity  
**>850,000 m<sup>3</sup>**



**7 main processing plants** in Java, Sumatra, Sulawesi & Mangole



**10 satellite veneer plants** in Java and Sumatra

# Sustainable Resources

We continuously improve technology and efficiency to maximize our production capacity while maintaining the sustainability of natural resources.

## Corporate Responsibility

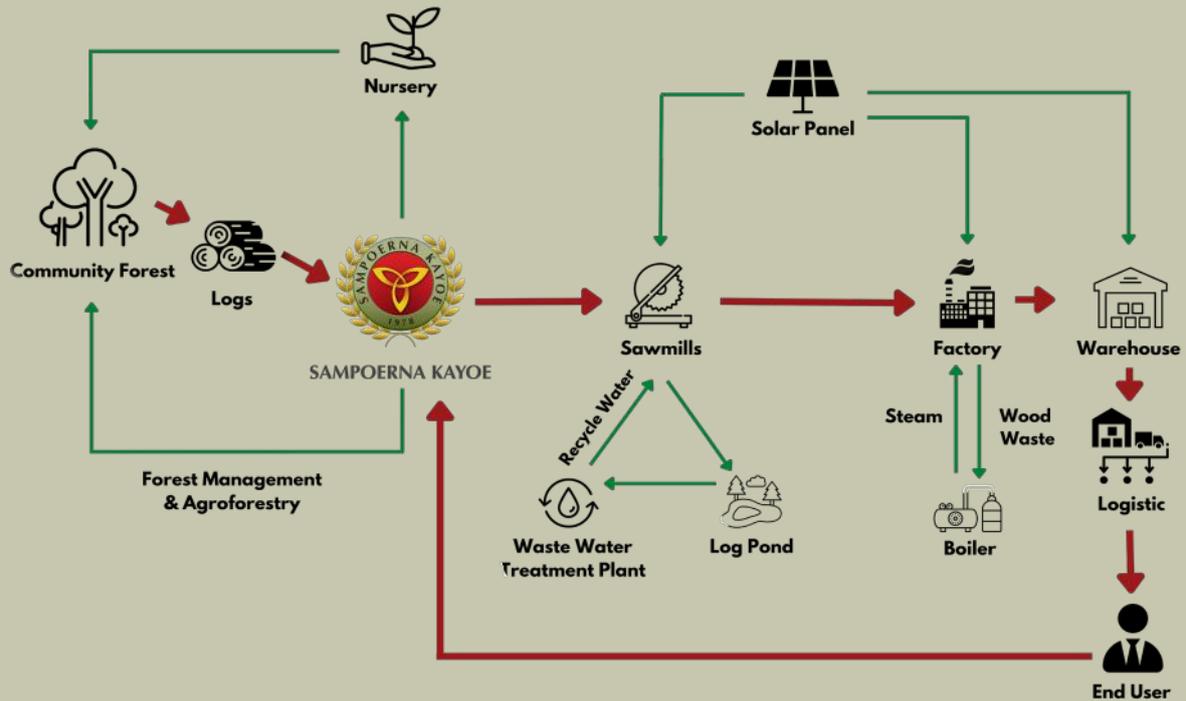
Sampoerna Kayoe is committed to adopting an integrated approach to achieving business development and responsible environmental management. Our commitment to sustainable development is reflected in our Corporate Values and Code of Ethics. In the process of converting raw materials into finished products, we adopt a fundamental principle: "Satisfying the present needs without compromising on the future". As a trusted timber-processing company, we are committed to our mission and corporate values to ensure the long-term sustainability of business, community, and environment.

## Legal Sources

Sampoerna Kayoe's logs are entirely sourced from legal concession areas in Indonesia, with 90% of our logs sourced from community forests and 10% from selective cutting in selected local concessions. We continue to create new commercial timber growing areas and seek new sources of plantation wood. Our log purchasing policy requires that any purchase of a log shall comply with applicable regulations and legal procedures in Indonesia. We refuse any log purchase from any suppliers or farmers involved in the practice of illegal land burning. We are proud that all our facilities comply with the Indonesian national timber-legality verification scheme, SLVK. This scheme is the implementation of the Voluntary Partnership Agreement (VPA) on Forest Law Enforcement, Governance and Trade (FLEGT) signed by European Union Countries as the Indonesian government is campaigning for wider recognition for its wood products in other markets.



# Our Sustainable Value Chain



## Our Innovation

Sampoerna Kayoe's log is sourced entirely from legal concession areas in Indonesia, originating from community and plantation forests. We strictly rely on raw materials supplied by vendors who have met the requisite operating and technical standards imposed by various governmental and non-governmental organizations. Sampoerna Kayoe requires the suppliers to comply with the national Sustainable Forest Management – Timber Legality Verification System (SVLK-PHPL) standards. Compliance with this standard means that all logs are legally and sustainably sourced. We source our wood from approximately 1,500 suppliers. The Groups believe farmers and suppliers are actively involved and play an important role in developing and shaping the plywood industry. Therefore, integrating a sustainable business approach, Sampoerna Kayoe also consistently held an annual seed distribution program for farmers, suppliers and local communities as

part of our involvement in maintaining forest regeneration and its sustainability.

# Our Product Categories



SAMPOERNA KAYOE

PLYWOOD



SAMPOERNA KAYOE

LVL



SAMPOERNA KAYOE

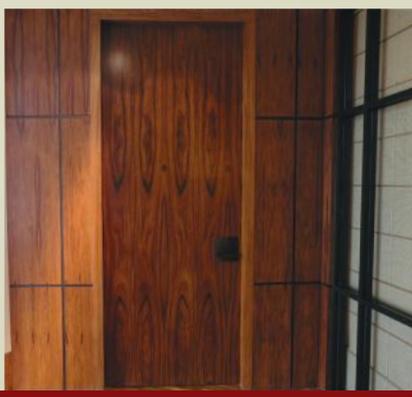
OUTDOOR  
LAMINATION  
WOOD



SAMPOERNA KAYOE

DOOR







SAMPOERNA KAYOE

# PLYWOOD

We offer a full range of plywood collection for your industrial and residential needs.





# GENERAL PLYWOOD

Our plywood is known for its quality. Understanding that flatness and dimensional stability are essential in furniture manufacturing and secondary processing of plywood to bring about a perfect finishing and to minimize expansion and contraction, our range of plywood products exhibits the characteristic of being flat, dimensionally stable, durable and highly precise. Our general plywood can also be used in concrete formwork as a cheaper option for low-rise construction work and small-scale projects.



SUITABLE FOR  
FURNITURE AND  
SECONDARY PROCESS



FLAT



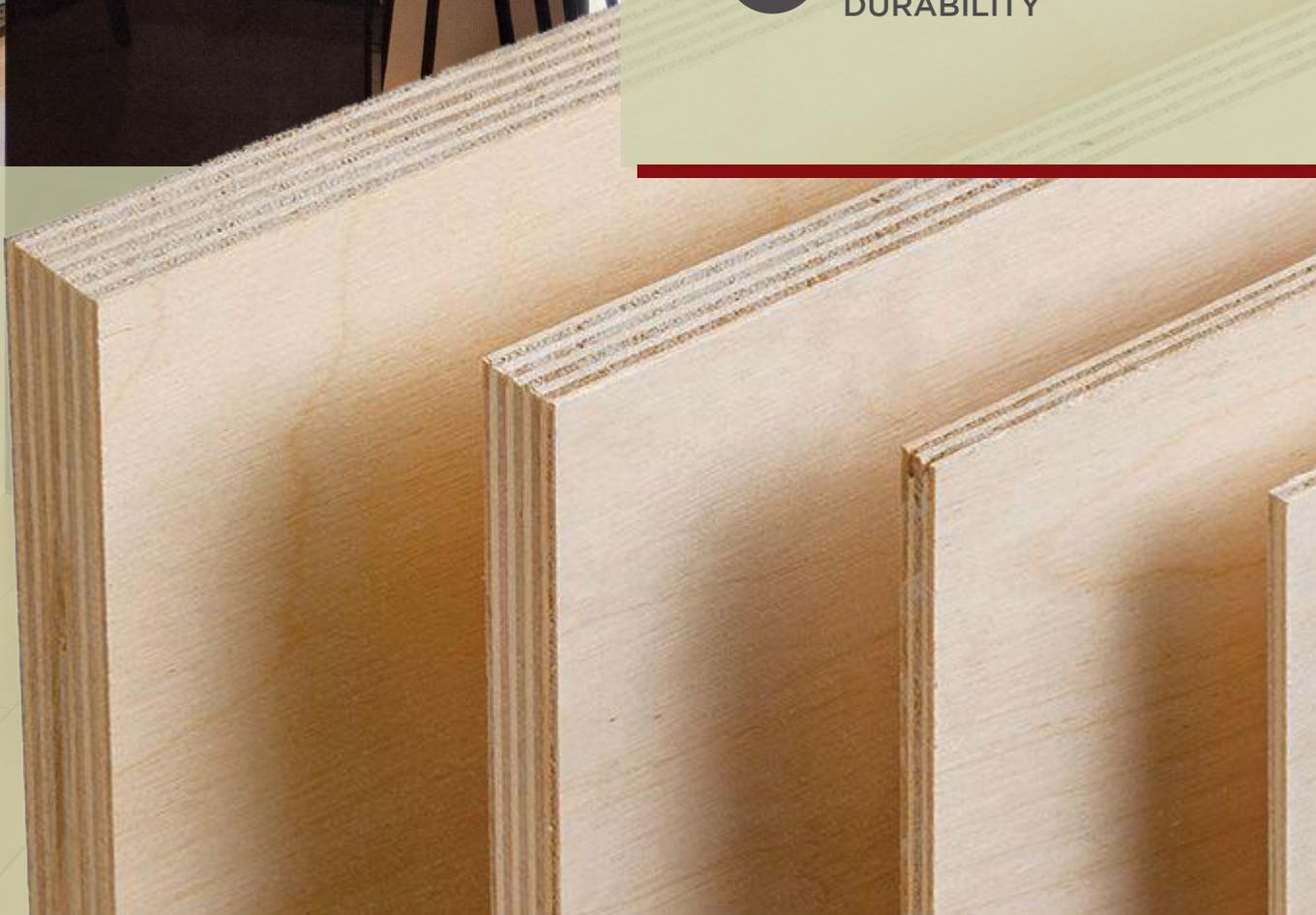
DIMENSIONALLY  
STABLE AND  
PRECISE



SMOOTH  
SURFACE



SUPERIOR  
STRENGTH AND  
DURABILITY





# FLOOR BASE PLYWOOD

Our plywood products are the perfect choice for any interior work. We offer plywood designed with a more precise dimension as it is of great importance to interior works particularly for flooring. We invest extensively in technology and employee development to maintain high accuracy and consistency in our products.



Additionally, we only use high-strength adhesives for our plywood to avoid tearing out and ensure the durability of your interior products. Alternatively, you may choose the glue type based on your needs.



**PRECISELY  
DIMENSIONED**



**SUPERIOR  
STRENGTH AND  
DURABILITY**



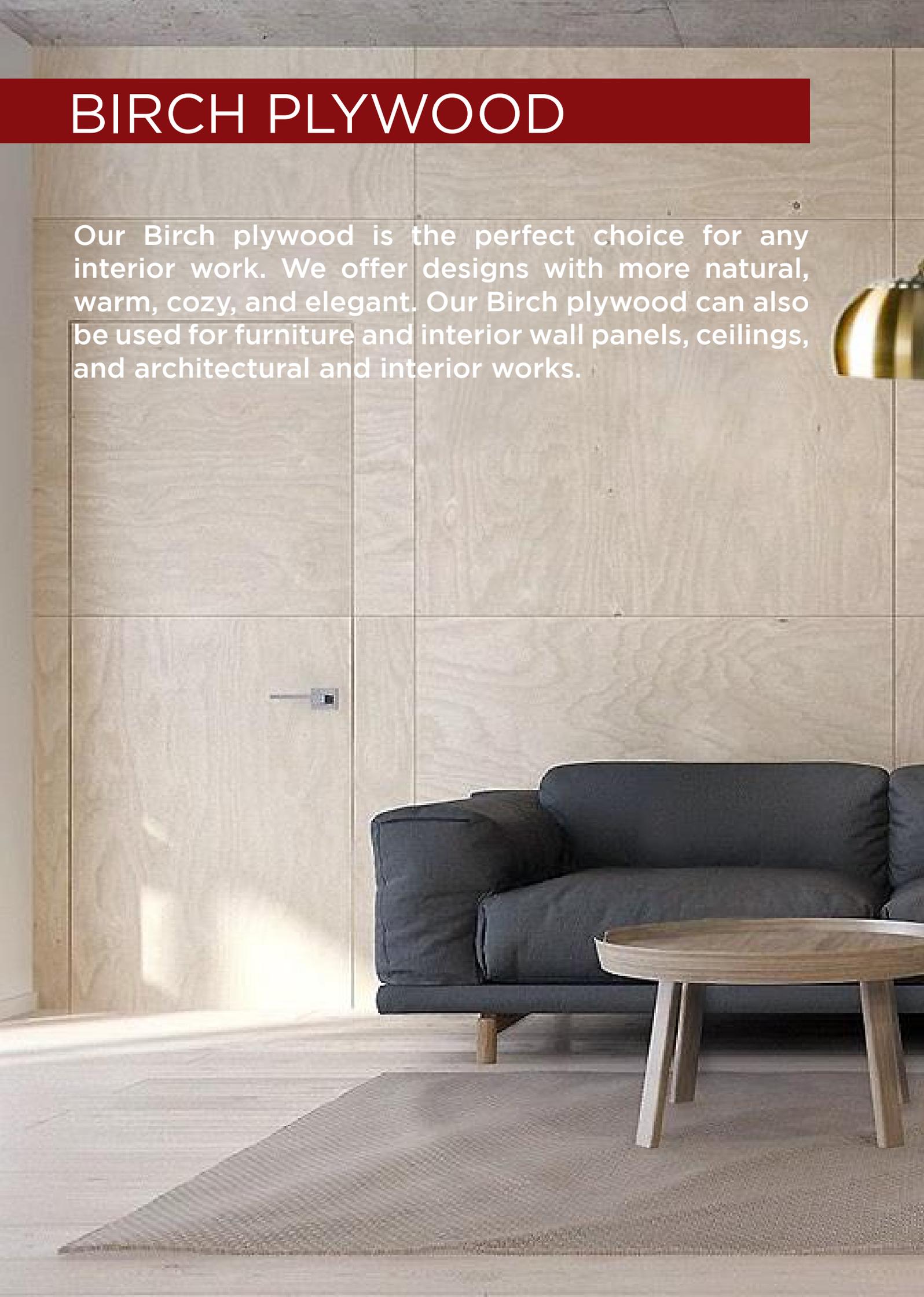
**SMOOTH  
SURFACE**



**SUITABLE FOR  
INTERIOR USE**

# BIRCH PLYWOOD

Our Birch plywood is the perfect choice for any interior work. We offer designs with more natural, warm, cozy, and elegant. Our Birch plywood can also be used for furniture and interior wall panels, ceilings, and architectural and interior works.





FLAT



DIMENSIONALLY  
STABLE AND  
PRECISE



SMOOTH  
SURFACE



SUPERIOR  
STRENGTH AND  
DURABILITY

# PRODUCT DETAIL

## Wood core options

Russian white birch.

## Dimensions (width x length)

Pure rubber, pure falcata, falcata/  
rubber

## Thickness (mm)

1220 x 2440mm (standard dimensions) &  
Able to be custom ordered.

## Tolerances (mm)

5.2 9 12 15 18

## Density

+0.3 (width x length), +0.5 (thickness), Max 2  
(diagonal), Max 1 ( bevelled edges)

## Density

Birch core allrubber : 600 - 650 Kg/m<sup>3</sup>

Birch core all falcata : 300 - 400 Kg/m<sup>3</sup>

Birch core falcata/rubber : 500 - 550 Kg/m<sup>3</sup>

## Glue type

Urea Formaldehyde - T2

## Formaldehyde emission levels

Max 0.05PPM (CARB Phase 2 & US EPA  
TSCA Title VI)

## Water content

Max 14%



# CERTIFICATION

**US EPA TSCA**  
Title VI

**CARB**  
Phase 2



# FILM-FACED PLYWOOD

## SUITABLE FOR CONSTRUCTION

We provide incredibly strong, flat, and durable plywood, such as film-faced plywood, for building materials including concrete formwork. Our film-faced plywood is primarily made from rubber wood plywood covered with a protective film on either side of the surface. The combination of rubber wood with phenolic glue coating, quality phenolic film and provides for an excellent balance of strength-to-weight ratio. In addition, the water-resistant paint used for edge sealing weatherproofs our product, making it ideal for construction due to its smooth surface and scratch-resistant properties. It can be used multiple times and its resistance to shrinkage makes it a very economical choice for high-rise construction purposes.



**CROSS LAMINATED STRUCTURE BETWEEN FACE**  
core and the film enhance the strength of the wood



**SUSTAINABLE WOOD PRODUCT**



**EFFECTIVE CONCRETE REINFORCEMENT MATERIAL**



**SAVE UP TO 45% COST**  
Saved up to 45% of costs compared to other woods when used in repetition



**EASY TO CLEAN**



**FLAT**



**REUSABLE**  
up to 8 times on each side



**CREATES SMOOTH SURFACE FOR CONCRETE WORKS**



**SUPERIOR STRENGTH AND DURABILITY**



# PERFORMANCE CHARACTERISTICS OF FILM-FACED PLYWOOD

Testing	Method	Value Film Face PSUT 18mm
MC	JAS for LVL 2013	7.42%
Density	ASTM D143-94 2000 (Sec. 19)	< 14% 650 - 750 kg/m <sup>2</sup>
Delamination	JAS for LVL 2013 Cyclic Extreme (Internal Standard)	Passed Passed Passed
Bonding	JAS for Plywood 2014	0.7 N/mm <sup>2</sup> - 1.5 N/mm <sup>2</sup>
Bending	JAS for Plywood 2014	Long : MOE: 5000 - 5500 N/mm <sup>2</sup> MOR: 24 - 50 N/mm <sup>2</sup> Short: MOE: 4000 - 7000 N/mm <sup>2</sup> MOR: 20 - 65 N/mm <sup>2</sup>
Emission	JAS for Plywood 2014	Classification F***
Radial & Tangential Shrinkage	ASTM D143-94 2000 (Sec. 20)	2.05% & 0.24%
Determination of swelling in thickness	BS EN 317 : 1993	5.83%
Hardness	ASTM D 143	6321.68 N
Water Resistant	JAS for Plywood 2014	Passed
Stain Test	JAS for Plywood 2014	Passed
Weather Test	JAS for Plywood 2014	120 days (continued on)
Concrete Casting Test	Internal Standard	13 Cycle (continued on)



# PRODUCT DETAILS

Category	Product Names	Wood Species Used	Characteristic	Thickness (mm)	Size (mm)
GENERAL PLYWOOD	    SAMPOERNA KAYOE   TUNAS PLYWOOD 1001	Falcata	Affordable price with good quality Uniform Color Less vulnerable to insect infestation	2.7 3.6	1220 x 2440 (4" x 8")
	    SAMPOERNA KAYOE   PALEM PLYWOOD 1001	Faceback: MLH Core: Falcata	Stronger than all Falcata plywood More resistant to shrinkage Natural wood appearance	4.8 5.5	
	    SAMPOERNA KAYOE   GMELINA PLYWOOD 1102	MLH	Superior strength More dimension stability Natural wood appearance	7.5 8.5	
	    SAMPOERNA KAYOE   GMELINA PLYWOOD 1102	MLH	Superior strength More dimension stability Natural wood appearance	11.5	
FLOOR BASE PLYWOOD	    SAMPOERNA KAYOE   TUNAS FLOOR BASE 1202	Falcata	Affordable price with good quality Strong High precision	7.0	1220 x 2440 (4" x 8")
	    SAMPOERNA KAYOE   GMELINA FLOOR BASE 1202	MLH	Premium quality Super Strong High precision	8.9 11.5	945 x 1840 (3" x 6") 945 x 1840 (3" x 6")
	    SAMPOERNA KAYOE   HEVEAPLEX	Rubber Wood	Can be reused up to 13 times Scratch resistant Extremely durable Very Flat High precision	12.0 15.0 18.0 21.0 30.0	1220 x 2440 (4" x 8") 1250 x 2500 (EU Market)

## Glue Type

GENERAL PLYWOOD  
US Standard : CARB Phase 2, US EPA  
EU Standard : E0, E1, E2  
JAS Standard : F4S, F3S, F2S

FLOOR-BASED PLYWOOD  
F4S and F3S

FILM-FACED PLYWOOD  
T1WBP

## Grade

GENERAL PLYWOOD  
BBCC/Overlay, UTY-E,  
UTY, UTY-One

FLOOR-BASE PLYWOOD  
UTY, UTY-One

FILM-FACED PLYWOOD  
G2S, G1S, OSF, UTY

# CERTIFICATIONS



2812 - CPR - 0038



**US EPA TSCA**  
Title VI

**CARB**  
Phase 2





SAMPOERNA KAYOE

LVL

As we strive to exceed your expectations for customization, we offer a wide array of tailored LVL products for various applications.



### CUSTOMIZABLE

- Available in a wide variety of sizes and specifications



### EXCELLENT DURABILITY

- Withstands extreme conditions and wood decay
- Ideal for residential and industrial applications



### PRECISELY DIMENSIONED

- The technical expertise to achieve precise results



### DIMENSIONALLY STABLE

- Our LVL has high dimensional stability that will fulfil the requirements as a perfect door material

# GENERAL LVL

## Long-Lasting Products are Investments

Our LVL is the perfect solution for you. Our products are also available with termite resistance to protect your home or building from rotting, moulding and other problems associated with termites.

## Home & Buildings (Pergola, Joist, Door)



## Commercial Purposes (Pallet, Stacking, Scaffold)



## Furniture



# SPECIAL CUSTOMIZED PRODUCTS

## Truck Body Parts

We export our truck parts to Japan with high-quality standards. This is done by impregnating the material used for our truck parts with low molecular weight phenol, in turn providing it with high strength and resistance against termite-associated decay. For the best protection and appearance, we use the Water-Boiled Proof (WBP) technique for exterior glueing to ensure product durability against extreme weather.

## Piano Body Parts

We manufacture piano parts for Kawai, a renowned Japanese musical instrument manufacturing company. These piano parts are created with the finest LVL materials and further processed with meticulous skill and care, before their eventual evolvment into a magnificent masterpiece.





# PRODUCT DETAILS

Product Names	Wood Species Used	Product Specification	Surface	Charateristic
	Rubber Wood	Max Thickness: 120mm Max Width : 600mm Max Length : 5000mm Moisture Content: <12% Adhesive : T1WBP	Calibration & sanding available on request	Customized Eco-friendly Flexible Precise



# CERTIFICATIONS



LVL  
MALQ/L01-LF/002, LVL





SAMPOERNA KAYOE

# DECK

Using the latest impregnation  
engineering wood are tailored



### 100% AUTHENTIC WOOD

- Natural and warm wood grain
- Originating from sustainable sources, with DNA from rubber tree (*Hevea Brasiliensis*) plantation grown on reclaimed land
- Recyclable



### EXCELLENT DURABILITY

- Uses impregnation technology
- Resistant to termites, insects, and rot
- Long lasting
- Minimal maintenance costs



### SUPERIOR DIMENSIONAL STABILITY

- Resistant up to 50% more towards expansion and contractions compared to solid wood



### READY TO INSTALL

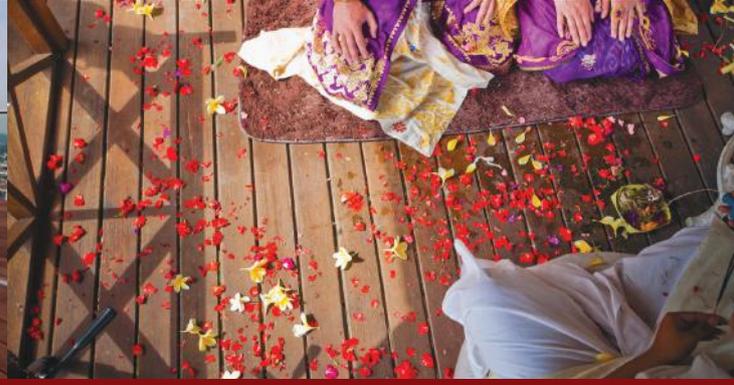
- Uniform moisture content
- Pre-sealed and stained



### BAREFOOT FRIENDLY

- thermally insulating

...n technology, Sampoerna Kayoe's  
...d exclusively to your individual needs.



**DECKING**

Sampoerna Kayoe project in Taiwan  
Sky Deck, in Europe, Indonesia, Four Season Bali



DECK TILE



Sampoerna Kaye project at Sampoerna Strategic Square



PERGOLA



Sampoerna



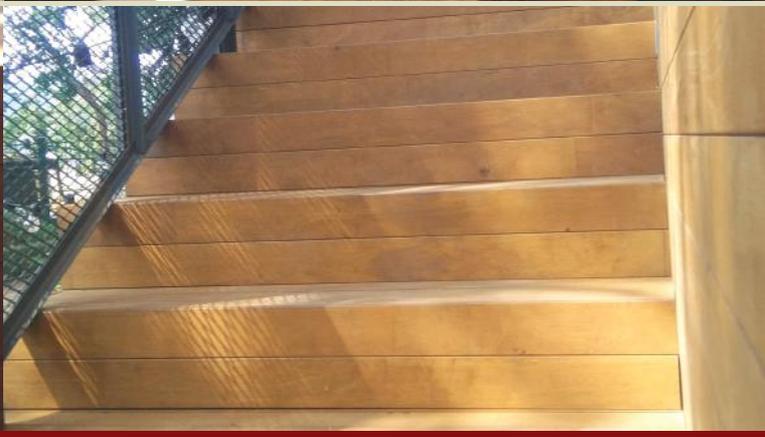
FENCING



BEAM



STAIRCASE





# PRODUCT DETAILS

Our engineered wood products are recognized for their distinctive characteristics owing to our experience and innovation, which we have accumulated through almost four decades. Our decking includes tiles, railing, fencing, pergola and wall cladding, which is suitable for residential or commercial use and can be customized to fit your needs.



## HEVEA

HEVEA DECK 1503

PRODUCT NAMES

SIZE (MM)

PRODUCT SPECIFICATION

SPECIES WOOD

COATING

20x90x5000

20x145x5000

20x195x5000

Glue Type:  
Phenolic Resin

Veneer Type:  
All Impregnated Rubber

Grade:  
High/S&B

Coating:  
Anti Fungus

Face Options:  
Rubber

Teak  
MLH

Core:  
Rubber

Coating  
Option  
Available

## DECK PROFILE



90 mm



145 mm



195 mm



LANTANA  
CAFE

# CERTIFICATIONS



GREEN  
BUILDING  
COUNCIL  
INDONESIA

Member of GBC INDONESIA



## TECHNICAL INFORMATION

PROPERTIES	STANDARD	Wood Species Rubber 25mm Impregnated Hevea
Density	JAS 2014 for LVL	0,75 - 0,8g/cm <sup>3</sup>
Bending	JAS 2014 for LVL	Bending Classification ( 110E - 120E )
Horizontal shear	JAS 2014 for LVL	Horizontal shear class ( 65V - 43H )
Nail holding	JIS Z 2102	2186.98 N
Screw holding	(JIS A 5098) 2003	1121.36 N
Hardness	ASTM D143-94-2000	8119.15 N/mm <sup>2</sup>
Emission	JAS 2014 for LVL	Classification F***
Delamination	JAS 2014 for LVL	100% (Passed)
MC	JAS 2014 for LVL	<14%



SAMPOERNA KAYOE

# DOOR

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Sampoerna Kayoe's Door features an ultimate range of products with extensive styles to suit your characters and needs.



# OUR BRANDS



SAMPOERNA KAYOE

NeVY  
D O O R



SAMPOERNA KAYOE

EZZY  
D O O R





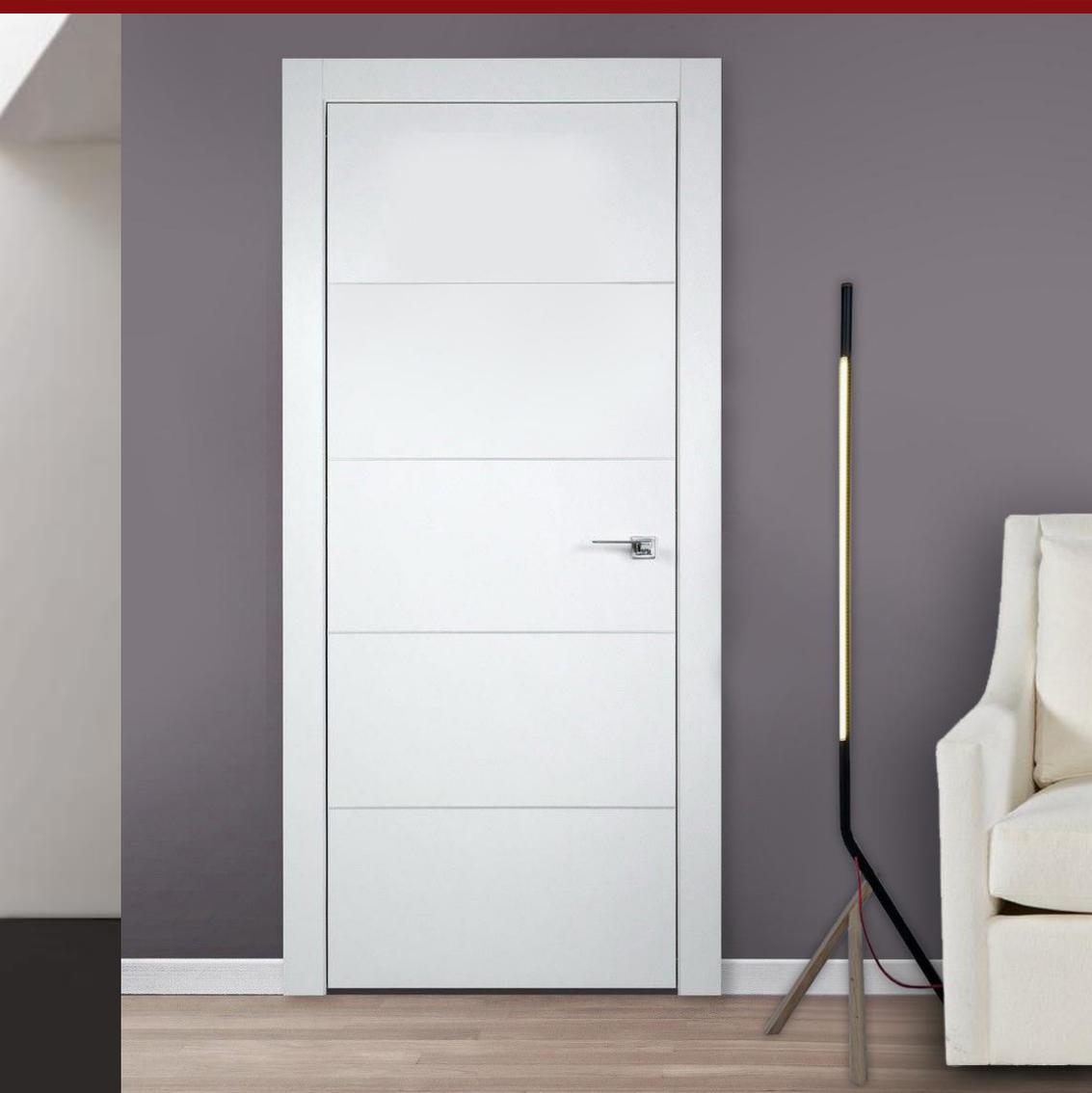
CUSTOMIZABLE



PRECISELY  
DIMENSIONED



100% REAL WOOD



DIMENSIONALLY  
STABLE

# DOOR

The All Time Collections from



**SAMPOERNA KAYOE**

## NeVY

NEVY DOOR



Our doors redefine aesthetics with the sophisticated, elegant and inspiring structure, as brought forth by our highly skilled craftsmen. The true beauty of natural veneer lumber is our motivating factor behind creating eco-friendly wood products that are well-suited to all needs. The extensive range of our veneer woods can be combined with varied finishing and coatings, allowing you to customise according to your taste and preference. Our creation seamlessly blends aesthetics and function, goes beyond standard doors while ensuring ease of installation.

# DOOR FRAME

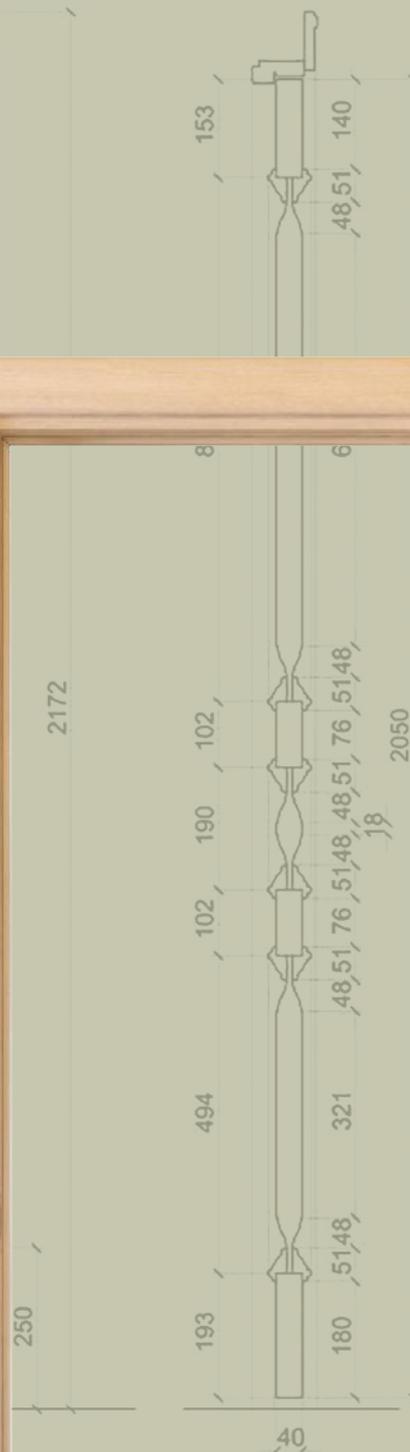
The practicality of our innovative door frame system is reflected in our firm quality and superb design. We also provide the assembly with good installation by our professional applicators.





We ensure that the doors we manufacture consistently pass through stringent quality testing procedures and inspections. with Nevy, we help you to create your personal door solution.

# ARCHITRAVE

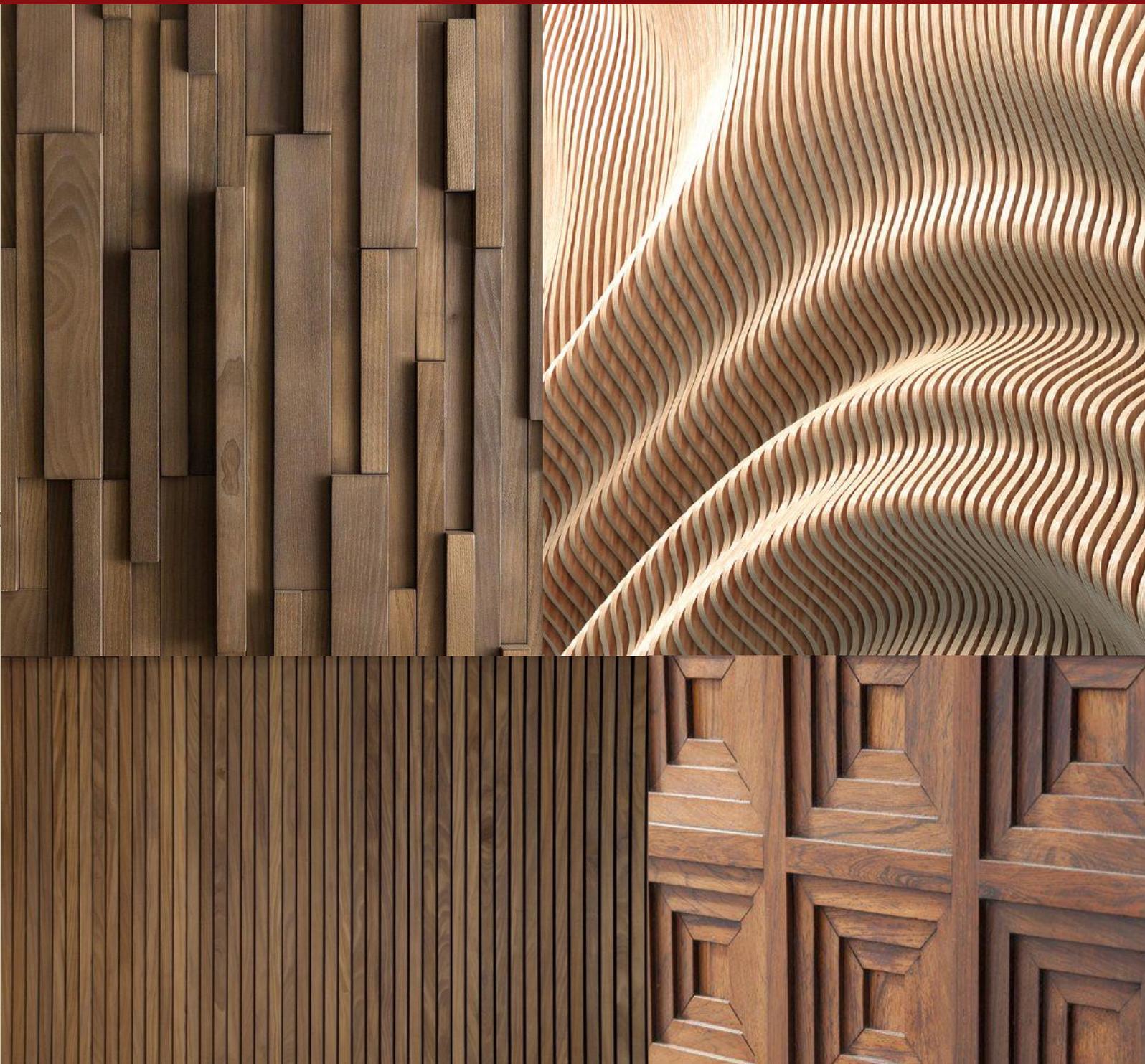


Architrave is a common household feature used to conceal the small gap between the door and the wall. We offer high-quality, custom-made architrave profiles in stunningly different styles and designs.

# WALL PANEL

We deliver high-quality wall panels suitable for fitting in every house and commercial building.

We collaborate closely with our customers to understand their needs, we can deliver innovative products in varying lengths and widths that are tailored precisely to help you achieve your respective objectives.



# PRODUCT DETAILS

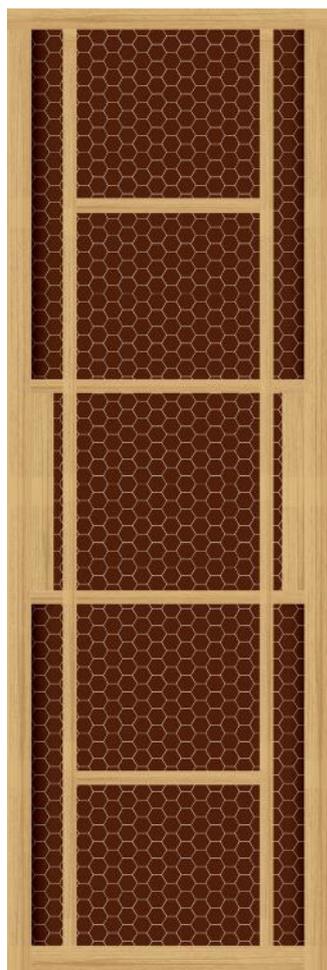
## NEVY DOOR

We make sure that our doors consistently pass through all quality tests required for your comfort and security.

### Product Specification

- Door General Size  
40 x 820 x 2100mm
- Customizable size
- Use LVB and LVL
- Frame General Size:  
50 x 150 x 906 x 21450mm
- Finishing:  
Melamic, Duco & HPL
- Door Core Selection:  
Honeycomb, Solid
- Moisture Content:  
10 - 14%
- Weight:  
37 kg

# Door Core Selection:



HONEYCOMB DOOR



SOLID DOOR





SAMPOERNA KAYOE

# EZZY D O O R

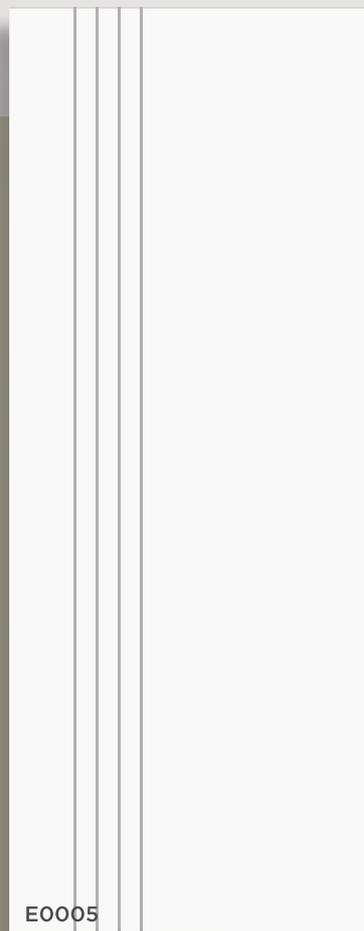
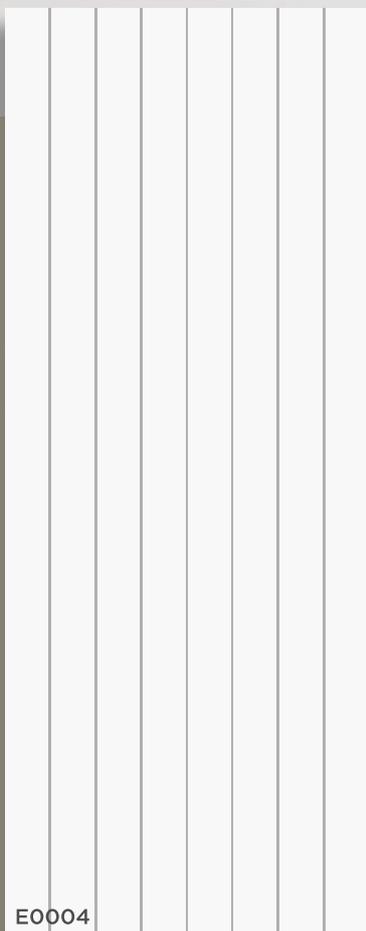
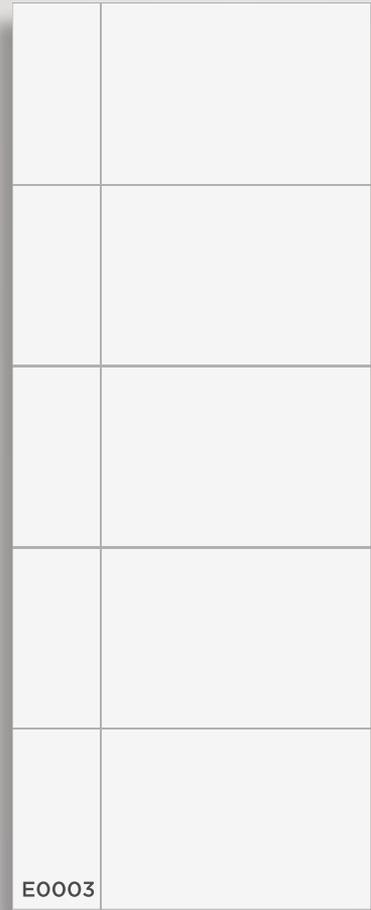
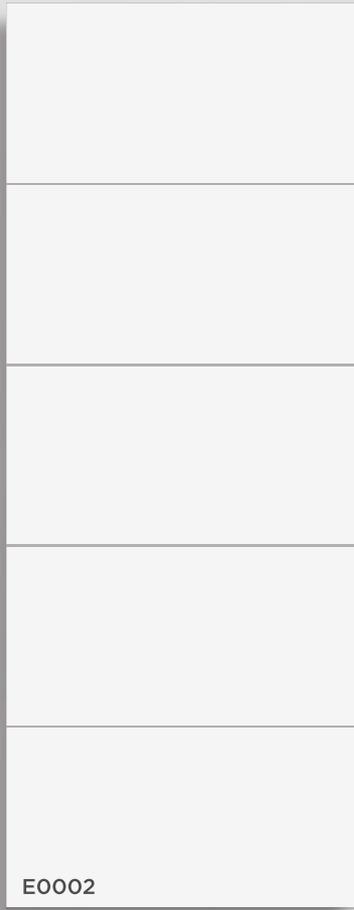
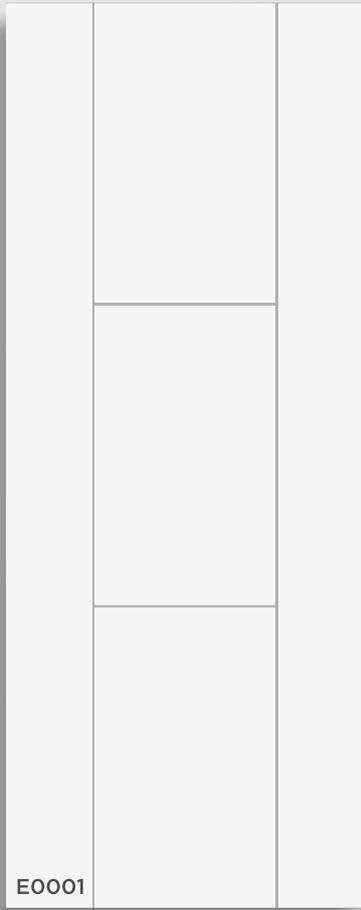
## Engineering door series

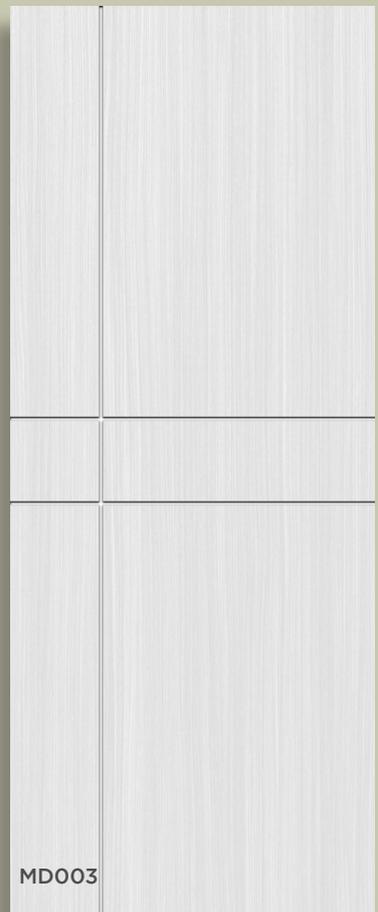
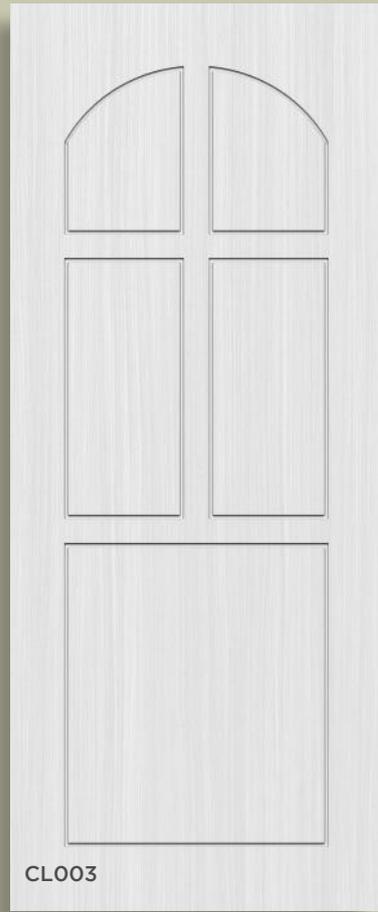
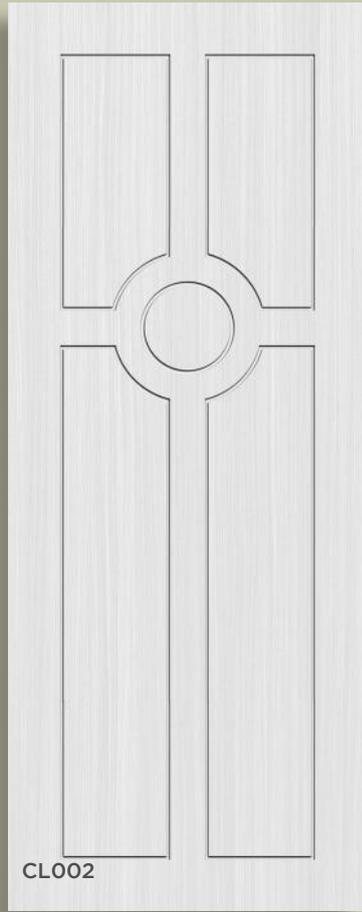
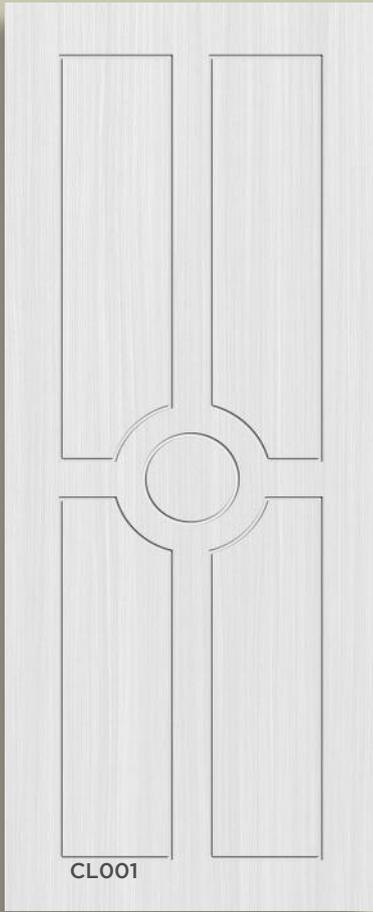
Our door Series are made from real solid plywood combined with flush door construction. Outstanding durability and test-proven to maximize consistency of good quality.

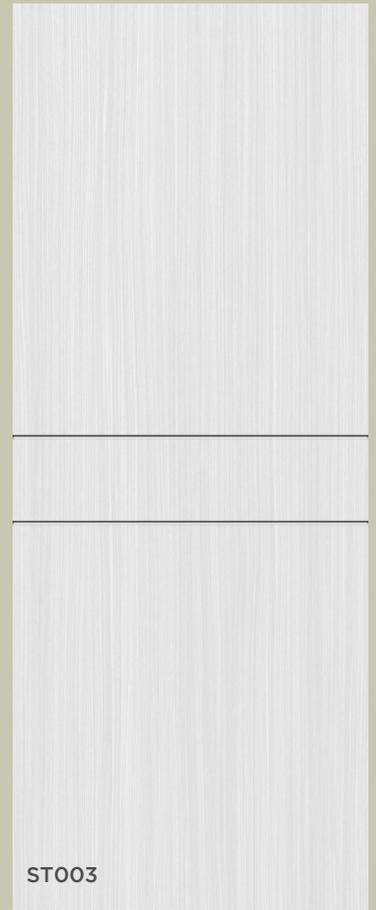
### Product Specification

- Door Standard Size  
35 x 820 x 2100mm
- Use LVB and LVL
- Frame General Size:  
40 x 100 x 886 x 2140mm
- Finishing:  
Duco, Laminated & HPL
- Door Core Selection:  
Honeycomb/Styrofoam
- Moisture Content:  
10 - 14%
- Weight:  
25 kg

# Unfinished Door Selection

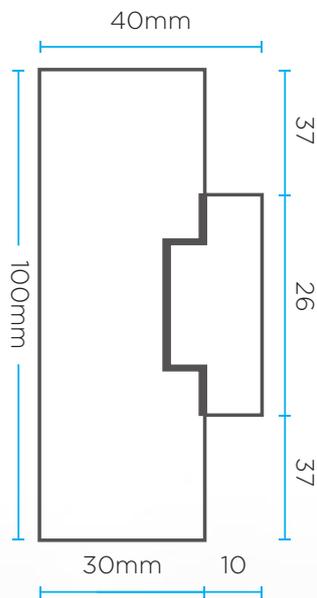






Ezzy Door aplicarion type E0002

# FRAME CONSTRUCTION



## Product Specification

- Size  
40 x 100 x 886 x 2140mm
  - Material  
LVL
  - Moisture Content:  
10 - 14%
  - Weight:  
25 kg
  - Cover Types  
High Moisture Resistant (HMR),  
highest grade, water resistant,  
heat resistant, etc
- Plywood



### DESIGN CONSULTANT

Our experts will offer you advice regarding the best choice for which door will the best suit your style and needs.



### INSTALLATION SERVICE

We provide an installation service to ensure that your door is installed properly.



### SITE SUPERVISION SERVICE

Our site supervision team will work closely in handling your project to deliver a hassle-free installation.



# CERTIFICATIONS



**Member of GBC INDONESIA**

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# APPLICATION

	GENERAL PLYWOODS	FLOOR BASE PLYWOODS	FILM FACED PLYWOODS	LVL	DECK
1. Furniture	●			●	●
2. Interior Works	●	●		●	●
3. Flooring		●		●	●
4. Structural	●			●	
5. Shuttering Work	●		●		
6. Walls	●			●	●
7. Doors	●			●	
8. Loading Platforms			●	●	
9. Roofs Beam				●	●
10. Heavy equipment packaging	●			●	
11. Decking				●	●
12. Pergola				●	●

We have a splendid array of product applications beyond this list. Begin your wood solution with us today.





**PT SUMBER GRAHA SEJAHTERA**

**HEAD OFFICE** Sampoerna Strategic Square, North Tower, 21<sup>st</sup> Floor  
Jl. Jenderal Sudirman Kav. 45-46, Jakarta Selatan 12930, Indonesia  
T (62 21) 576 1138 (Hunting) | F (62 21) 576 1152 - 575 1153 | T (62 21) 576 1158 (Marketing)

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[www.sampoernakayoe.co.id](http://www.sampoernakayoe.co.id)

