



# SAMPOERNA KAYOE



UNLIMIT POSSIBILITIES



# SAMPOERNA KAYOE

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SAMPOERNA KAYOE

## Sampoerna Kayoe A Leading Engineered Wood Solution Provider in South East Asia

Established in 1978, we started out as a downstream 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 12,000 m<sup>3</sup>.

### Our Journey

Over the past 40 years, we have focused extensively on developing our research and development, management, processing, logistics, and distribution capabilities so as to achieved a competitive edge over other competitors. We have developed a strong business and operating model, enabling us to continuously expand our processing capacity and maintain sustainability in production. Our strong experience has helped us gain success and grow steadily amid the changing business environment. The organic expansion in our group contributed 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.



### Unlimit Possibilities

With the fast-paced and ever-changing business environment, we have undergone a brand transformation and rebranded our products under the "Sampoerna Kayoe" brand. Our key brand identity is clearly defined by our tagline, "Unlimit Possibilities", as we strive to unlimit possibilities for our wood solutions in our journey to grow and expand internationally. Nurtured with Sampoerna's value and philosophy, we embrace "Anggarda Paramita", which means "Towards Excellence", as a way of life and live the "Three Hands" philosophy as we value collaboration with our stakeholders in all partnerships.



### Striving for Customer Satisfaction

Achieving the satisfaction of our customer is our utmost priority. With persistent empowerment to have the customer's best interests in mind, our employees strive to care for and to 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 customised solutions for our customers. We are also equipped with high capacity production facilities to meet the growing market demand from all segments and to fulfill our mission of becoming the market leader in the industry.



### Pursuing A High-Standard Process

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

### Available Worldwide

(Asia, America, Australia, Africa, Europe)

Algeria, Australia, Belgium, China, Croatia, Denmark, France, Germany, Hong Kong, India, Indonesia, Iran, 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.



### Our manufacturing facilities:



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



6 main processing plants in Java, Sumatra, Sulawesi.



10 satellite veneer plants in Java and Sumatra

# Sustainable Resources

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

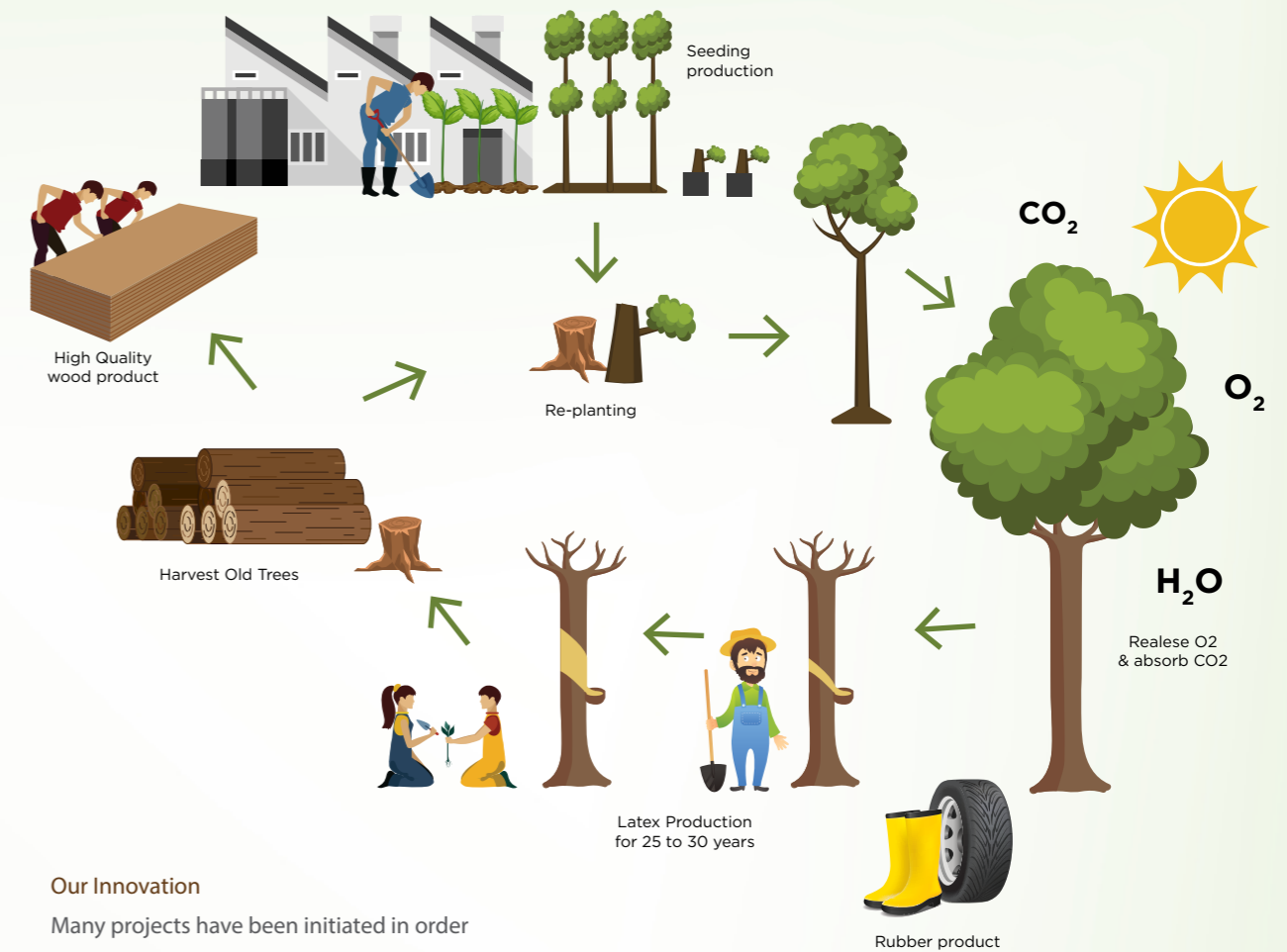
## Corporate Responsibility

Sampoerna Kayoe is committed to adopt an integrated approach in 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 long-term sustainability of business, community, and environment.



## Legal Sources

Sampoerna Kayoe's log is sourced entirely from legal concession areas in Indonesia, with 90% originating from community and plantation forests. 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 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 Innovation

Many projects have been initiated in order to achieve sustainable solution for our natural resources, resulting in two innovation breakthroughs.

Sampoerna Kayoe pioneered the use of alternative sustainable wood, such as falcata timber, in response to the limited availability of hardwood. Falcata is a fast-growing tree species that is abundantly available in Indonesia and is easily replanted to promote sustainability of our natural resources.

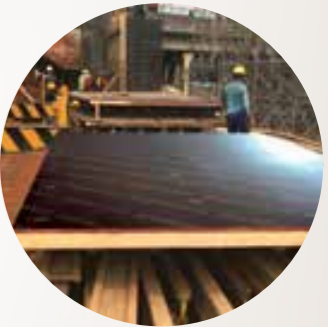
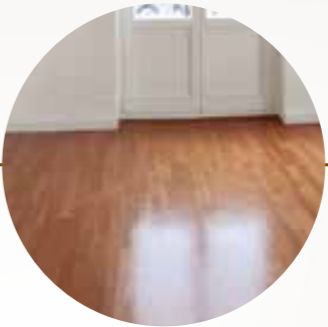
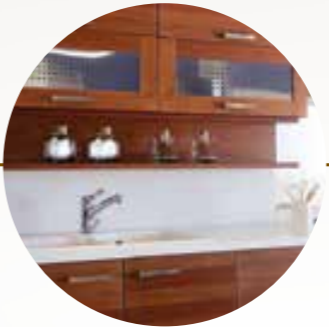
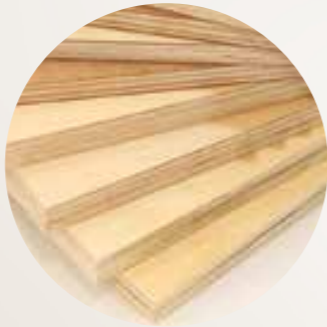
Our latest innovation is the utilisation of rubber plantation waste. Rubber trees (*Hevea Brasiliensis*) are planted for the production of latex and the economic life span is between 25 and 30 years. At the end of its life span, the trees are felled and the wood from the tree has been traditionally regarded as waste. With our technology, however, we are able to transform this waste into high-quality wood products.

1. As rubber trees are planted, they release  $O_2$  and absorb  $CO_2$  during the day; this process itself has positive impacts on the environment.
2. After it reaching maturity, rubber trees are tapped and kept for latex production for 25-30 years. Some examples of their finished products include tires, rubber gloves and rubber shoes.
3. After the rubber trees stop producing latex, the wood remains are typically burnt due to the poor quality of wood products that usually result from its production. However, with our current technology, the rubber trees which are processed by Sampoerna Kayoe, are able to produce wood products which are high-quality for daily usage.
4. Sampoerna Kayoe cares about the sustainability of rubber wood production; we create a superior rubber seed via our various innovative practices. We replant the trees by ourselves and also distribute the seeds to local community for planting. This process not only ensures the sustainability of our rubber wood production, it also benefits the local community due to the commercial value of latex production after the trees reach maturity.

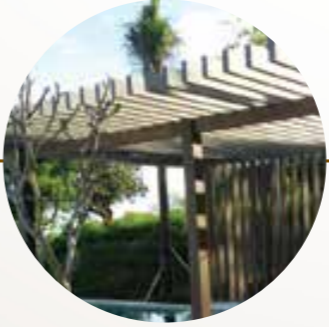
# Our Product Categories



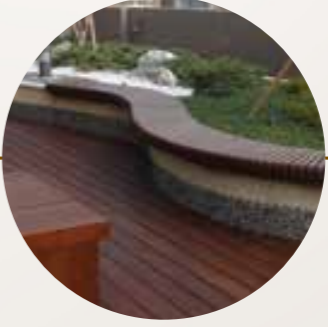
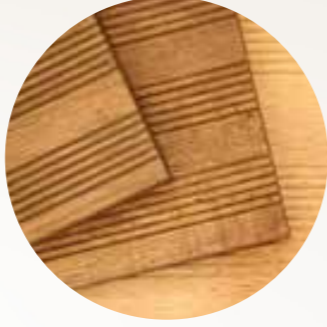
PLYWOOD



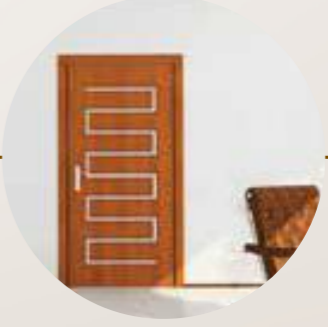
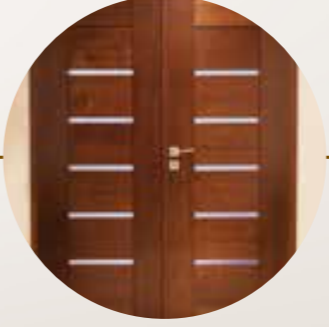
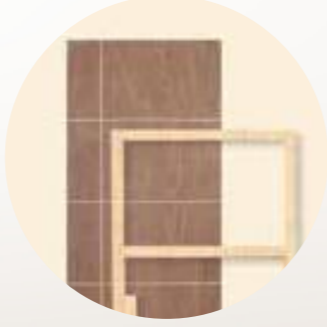
LVL



DECK



DOOR





# PLYWOOD

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





## GENERAL PLYWOOD



Suitable for Furniture, Secondary Process and Interior

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 exhibit the characteristics of being flat, dimensionally stable, durable, and of high precision. Our general plywood can also be used in concrete formwork as a cheaper option for low-rise construction work.



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 work, particularly for flooring. We invest extensively in technology and employee development to maintain high accuracy and consistency in our products.



Suitable for interior

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



PRECISELY DIMENSIONED



SUPERIOR STRENGTH AND DURABILITY



SMOOTH SURFACE

# FILM-FACED PLYWOOD



Suitable for Construction

We provide incredibly strong, flat and durable plywood, such as the 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 both or either side of the surface. The combination of rubber wood with phenolic glue coating and quality phenolic film by Dynea provides for an excellent balance of strength to weight ratio. In addition, the water-resistant paint used for edge sealing weather-proofs 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.



VERY FLAT



REUSABLE UP TO 12 TIMES



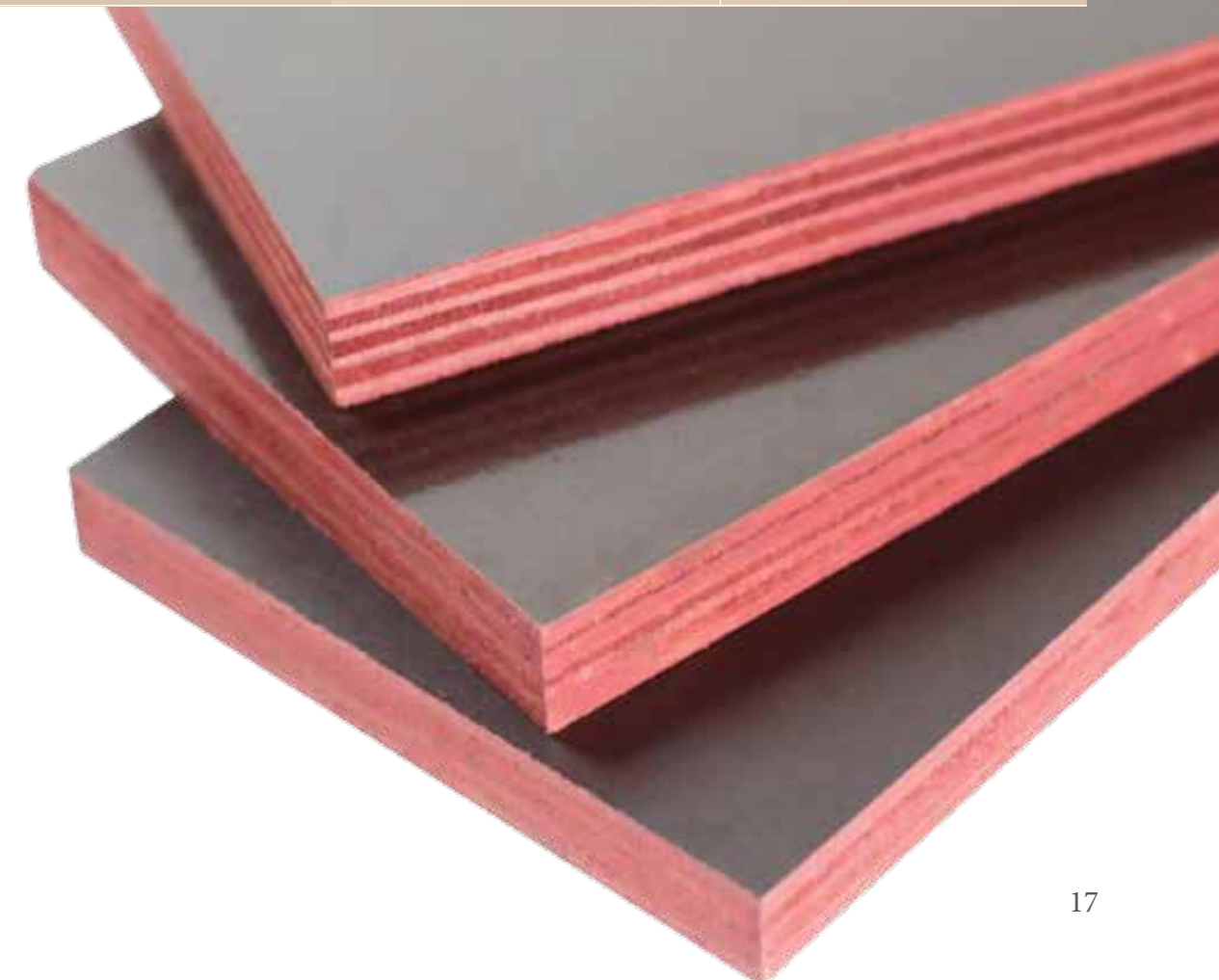
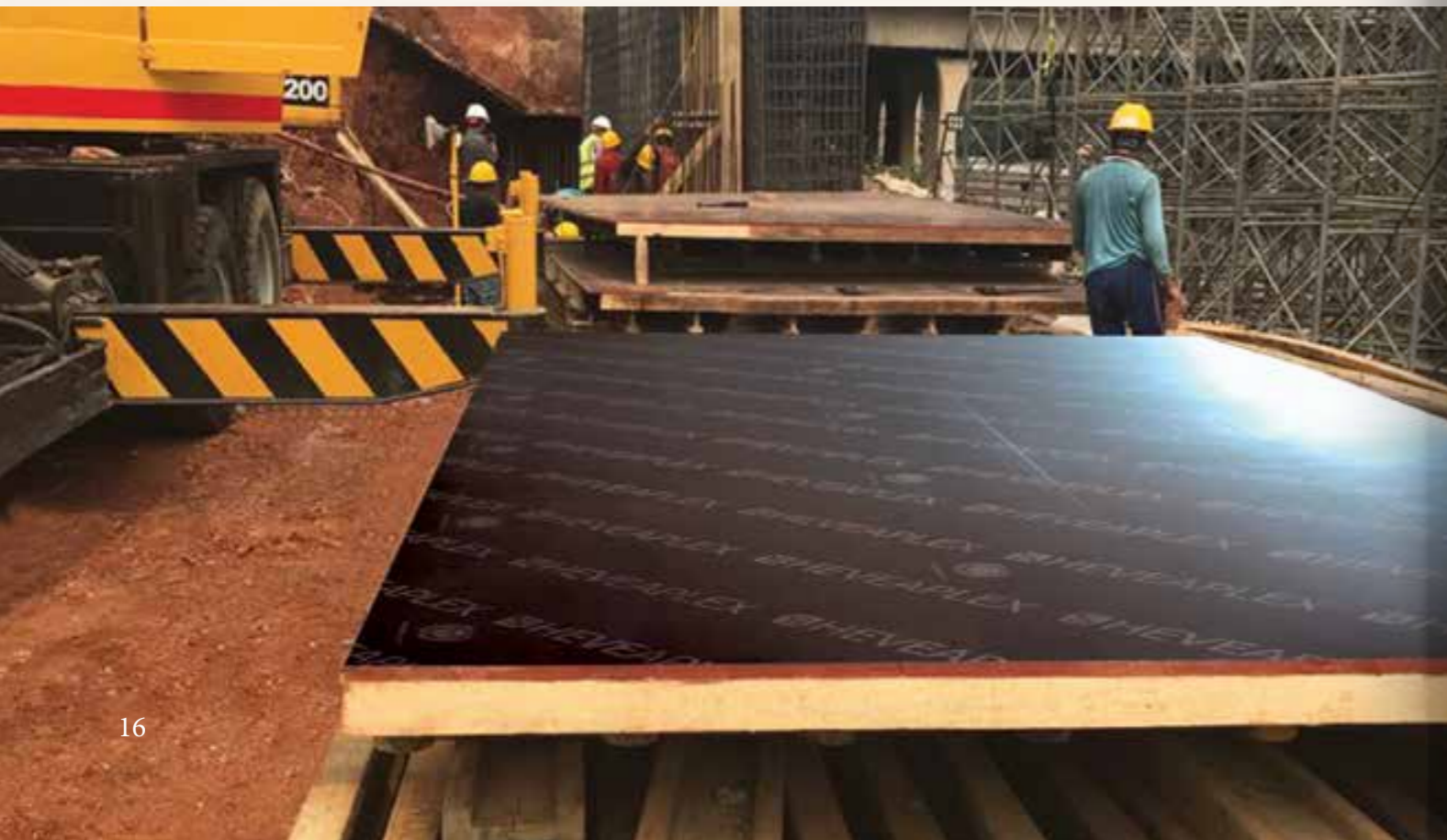
SCRATCH RESISTANT AND SMOOTH SURFACE



EXCELLENT STRENGTH TO WEIGHT RATIO

## PERFORMANCE CHARACTERISTICS OF FILM-FACED PLYWOOD

Testing	Method	Value Film Face 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	 	Falcata	Affordable price with good quality Uniform Color Less vulnerable to insect infestation	2.7 3.6	1220 x 2440 (4" x 8")
	 	Faceback: MLH Core: Falcata	Stronger than all Falcata plywood More resistant to shrinkage Natural wood appearance	4.8 5.5	945 x 1840 (3" x 6")
	 	MLH	Superior strength More dimension stability Natural wood appearance	7.5 8.5	
	 <b>HEVEA</b> HEVEA PLYWOOD 1502	Rubber Wood	Strong (as strong as Meranti) resistant to shrinkage Sustainable wood	11.5 15 18	910 x 2130 (3" x 7")
	FLOOR BASE PLYWOOD	 	Falcata	Affordable price with good quality Strong High precision	7.0
 		MLH	Premium quality Super Strong High precision	8.9 11.5	945 x 1840 (3" x 6") 945 x 1840 (3" x 6")
FILM FACED PLYWOOD		 <b>HEVEA</b>	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

## 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

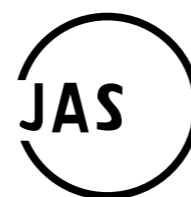
## Grade

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

FLOOR-BASE PLYWOOD  
 UTY, UTY-One

FILM-FACED PLYWOOD  
 G2S, G1S, OSF, UTY

# CERTIFICATIONS



035-112-2023  
 Made from Renewable /  
 Sustainable Materials





SAMPOERNA KAYOE

LVL

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



#### CUSTOM PROFILES

- Available in a wide variety of sizes and specifications



#### EXCELLENT DURABILITY

- Withstand extreme conditions and decays
- Ideal for residential and industrial applications



#### PRECISELY DIMENSIONED

- Our production team is trained with the technical expertise to achieve precision



#### 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

Looking for long-lasting, durable and strong materials for your home or building construction needs?

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

- Home & Buildings (Pergola, Joist, Door)



- Commercial Purposes (Pallet, Stacking, Scaffold)



- Furniture



# SPECIAL CUSTOMIZED PRODUCTS

## Piano Body Parts

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



## Truck Body Parts

We export our truck parts to Japan with high quality standard. This is done by impregnating the materials 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 Water-Boiled Proof (WBP) technique for exterior gluing to ensure product durability against extreme weather.

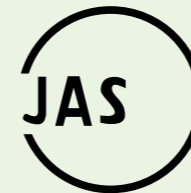


# PRODUCT DETAILS

Product Names	Wood Species Used	Product Specification	Surface	Characteristic
	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



035-112-2023  
Made from Renewable / Sustainable Materials







SAMPOERNA KAYOE

# DECK

Using the latest impregnation technology, Sampoerna Kayoe's engineered wood are tailored exclusively to your individual needs.

Sampoerna Kayoe project in Croatia



## 100% REAL WOOD

- Natural wood grain & warmth
- Originating from sustainable sources, with DNA from rubber tree (*Hevea brasiliensis*) plantation grown on reclaimed land
- Recyclable



## EXCELLENT DURABILITY

- Using Impregnation Technology
- Resistance to termites, insect, and weathering
- As durable as solid wood
- Minimum maintenance cost



## SUPERIOR DIMENSION STABILITY

- Up to 50% less expansion and contraction than solid hardwood



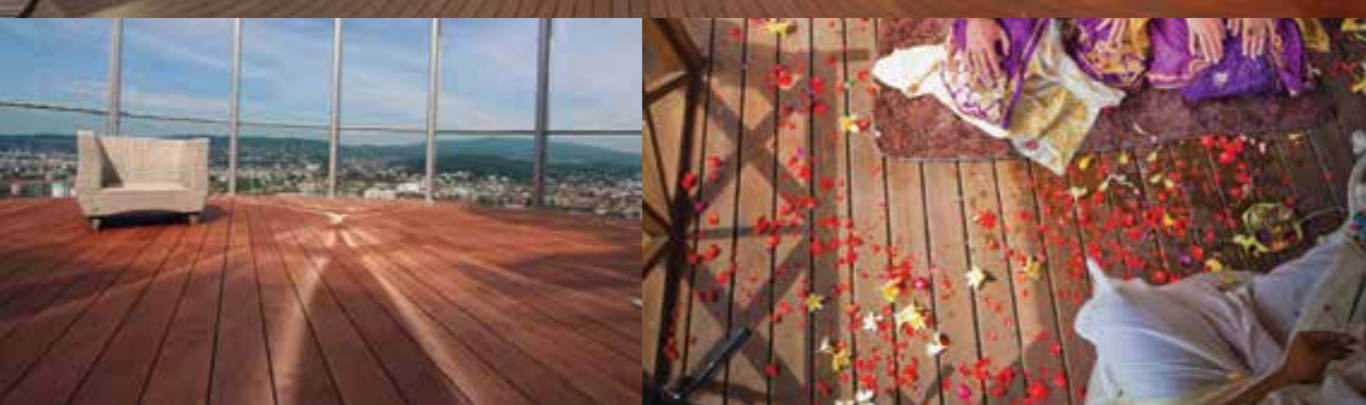
## READY TO INSTALL

- Uniform moisture content means no conventional wood seasoning required
- Pre-sealed and stained



## BAREFOOT FRIENDLY

- Thermal conductivity of below 1



DECKING

Sampoerna Kayoe project in Taiwan  
Sky Deck in Europe  
Ritz Carlton Mandapa, Bali, Indonesia



DECK TILE

Sampoerna Kayoe project at Sampoerna Strategic Square



PERGOLA

Sampoerna Kayoe project in luxury villa & residences Selong Selo



FENCING

RAILING | Sampoerna Kayoe project in Taiwan



BEAM



STAIRCASE



OUTDOOR FURNITURE



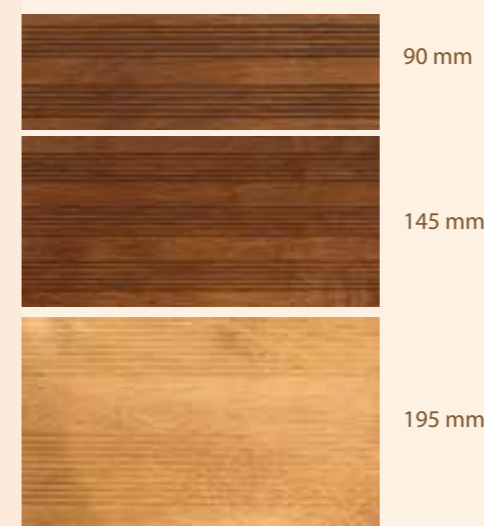
FACADE/WALL CLADDING

## PRODUCT DETAILS

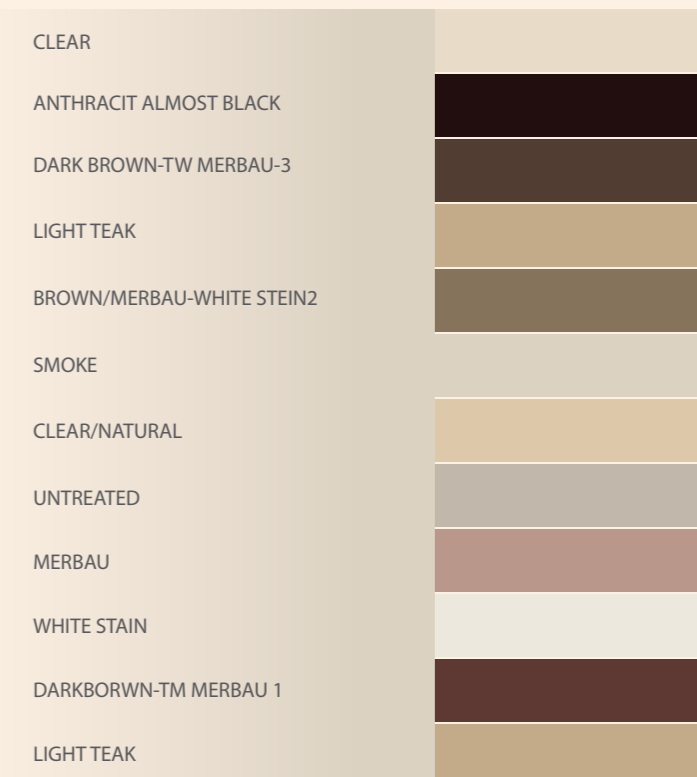
Our engineered wood products are recognized for their distinctive characteristics owing to our experience and innovation, which we have accumulated through almost four decades. Our decking includes tiles, railing, fencing, pergola, and wall cladding, which is suitable for residential or commercial use,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

PRODUCT NAMES	SIZE (MM)	PRODUCT SPECIFICATION	SPECIES WOOD	COATING
	20 x 90 x 5000	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
	20 x 145 x 5000			
	20 x 195 x 5000			

### DECK PROFILE



### COATING COLOR OPTION



## TECHNICAL INFORMATION

PROPERTIES	STANDARD	Wood SPECIES Rubber 25mm Impregnated Hevea
DENSITY	JAS 2014 FOR LVL	0.75 - 0.8 g/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%

## CERTIFICATIONS





SAMPOERNA KAYOE

# DOOR

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

# OUR BRANDS



SAMPOERNA KAYOE

NeVY

NEVY DOOR



SAMPOERNA KAYOE

*Ezydoor*

EZZY DOOR



CUSTOMIZED



PRECISELY  
DIMENSIONED



100% REAL WOOD



DIMENSIONALLY  
STABLE

The All Time Collections from



**SAMPOERNA KAYOE**

**NeVY**

NEVY DOOR

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.

## 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 which seamlessly blends aesthetics and function, goes beyond standard doors while ensuring ease of installation



## DOOR FRAME

Our door frame is custom-made using various wood species available and pre-finished to meet your personal needs and specifications. The practicality of our innovative system is reflected in our frame quality and superb design. We also provide assembly at zero cost which will further reduce project costs and construction time for you.



# 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.



# WALLPANEL



We deliver high quality wall panels suitable for fitting in every house and commercial building. As we collaborate closely with our customers to understand their needs, we are able to deliver innovative products in varying lengths and widths which are tailored precisely to help you achieve your respective objectives.





## PRODUCT DETAILS

### NEVY DOOR

Quality Entrance at its Best.

We make sure that our doors consistently pass through all quality test 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 2150mm
- Finishing:  
Melamic, Duco & HPL
- Door Core Selection:  
Honeycomb, Solid
- Moisture Content:  
10 - 14%
- Weight:  
37 kg

#### Door Core Selections:

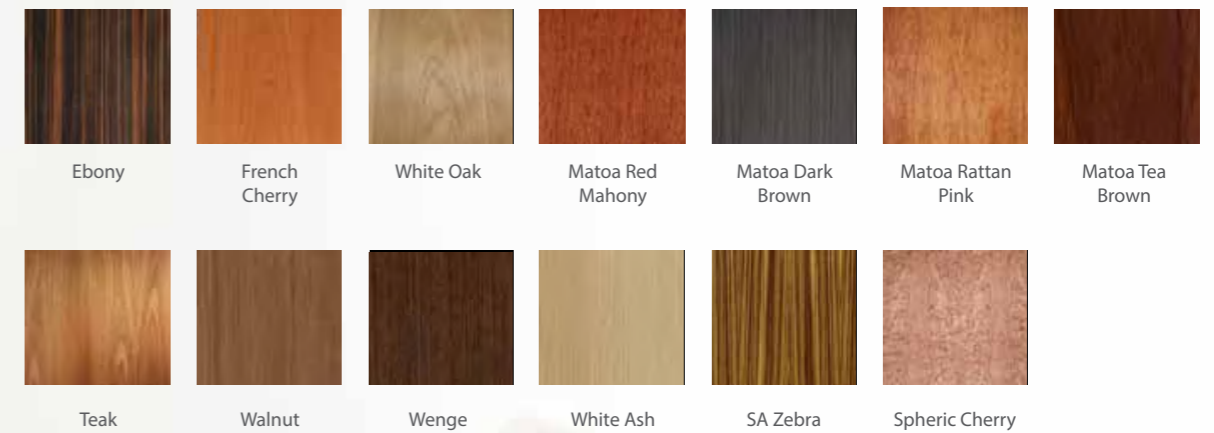


HONEYCOMB DOOR



SOLID DOOR

#### Door Finishing (Melamic & Duco) Selections:





**SAMPOERNA KAYOE**

*Ezzydoor*

EZZY DOOR

**Plywood Series**

Our Plywood Series are made from real solid plywood combined with flush door construction.

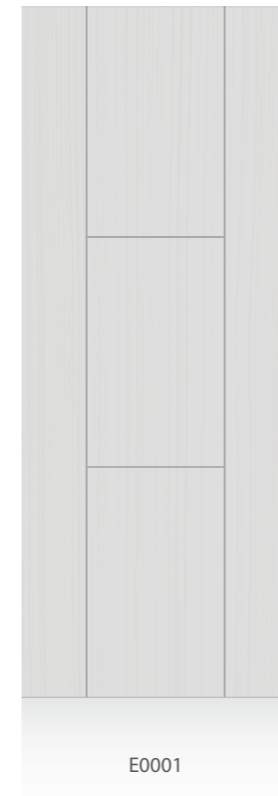
An outstanding durability and test-proven to maximize consistency of good quality.



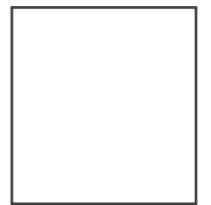
**Product Specification:**

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

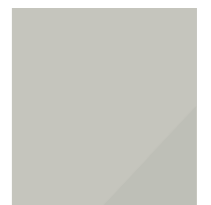
Unfinished Door Selections



Duco Finishing Selections:



White



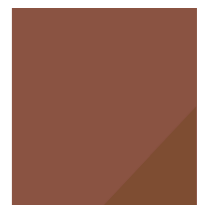
Gray Beige



White Ivory

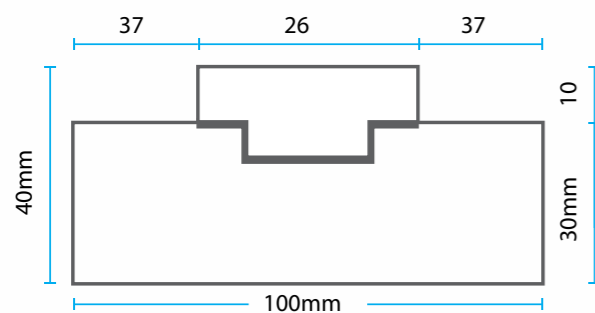


Brown

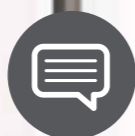


Light Brown

## Frame Construction



- Size:  
40 x 100 x 886 x 2140 mm
- Material:  
LVL
- Moisture Content:  
10-14%
- Weight:  
20 – 25 kg / unit
- Cover Types:
  - High Moisture Resistant (HMR):  
highest grade; water resistant,  
heat resistant, etc
  - Plywood



**DESIGN CONSULTATION**  
Our experienced experts will give you the best advice about the best doors that best suit your needs and style.



**INSTALLATION SERVICE**  
We provide installation service to ensure that your door is installed properly for your satisfaction.



**SITE SUPERVISION SERVICE**  
Our site supervision team will work closely in handling your project and delivering hassle-free installation.

## CERTIFICATIONS



# 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. Truck Floors			●	●	
8. Vehicle Internal Body Works			●	●	
9. Loading Platforms				●	
10. Roofs Beam				●	
11. Heavy equipment packaging	●			●	
12. Decking				●	●
13. Pergola				●	●

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

PT SUMBER GRAHA SEJAHTERA  
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Sampoerna Kayoe



Sampoerna Kayoe



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