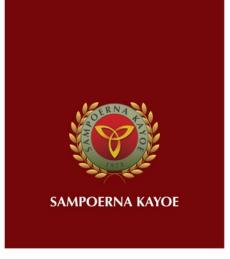






Sampoerna Kayoe Catalog | Table of contents:

Corporate Profile - 02 | Sustainable Resources - 06 | List of Sampoerna Kayoe Products - 08 Plywood - 10 | LVL - 20 | Deck - 30 | Door - 38



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 m³.

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 m³ 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 Wordwide

(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.



Our manufacturing facilities:



Production Capacity >850,000 m³



6 main processing plants in Java, Sumatra, Sulawes



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

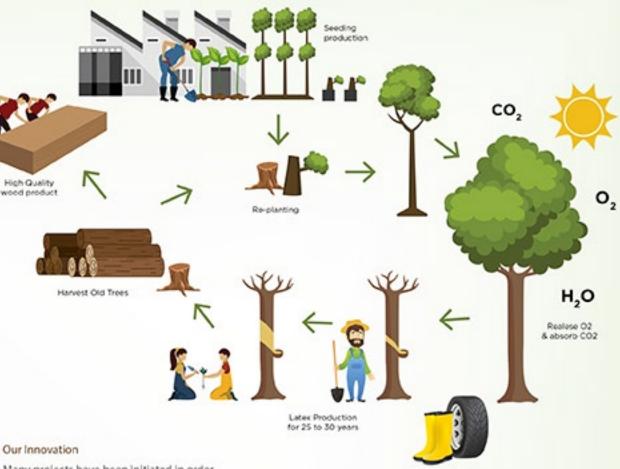
Sampoerna Kayoe is committed to adopt an integrated approach in achieving business development and responsible environmental management. Our commitment to sustainable development is reflected in our Corporate Values and Code of Ethics. In the process of converting raw materials into finished products, 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 timberlegality 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.



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.

- As rubber trees are planted, they release O₃
 and absorb CO, during the day; this process
- 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.

itself has positive impacts on the environment.

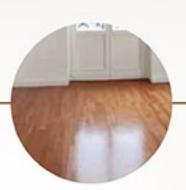
- After the rubber trees stop producing latex, the wood remains are typically burnt due to the poor quality of wood products that usually result from its production. However, with our current technology, the rubber trees which are processed by Sampoerna Kayoe, are able to produce wood products which 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.

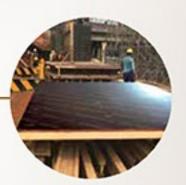
Our Product Categories

















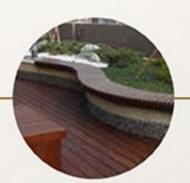




























We offer a full range of plywood collections for your industrial and residential needs.





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

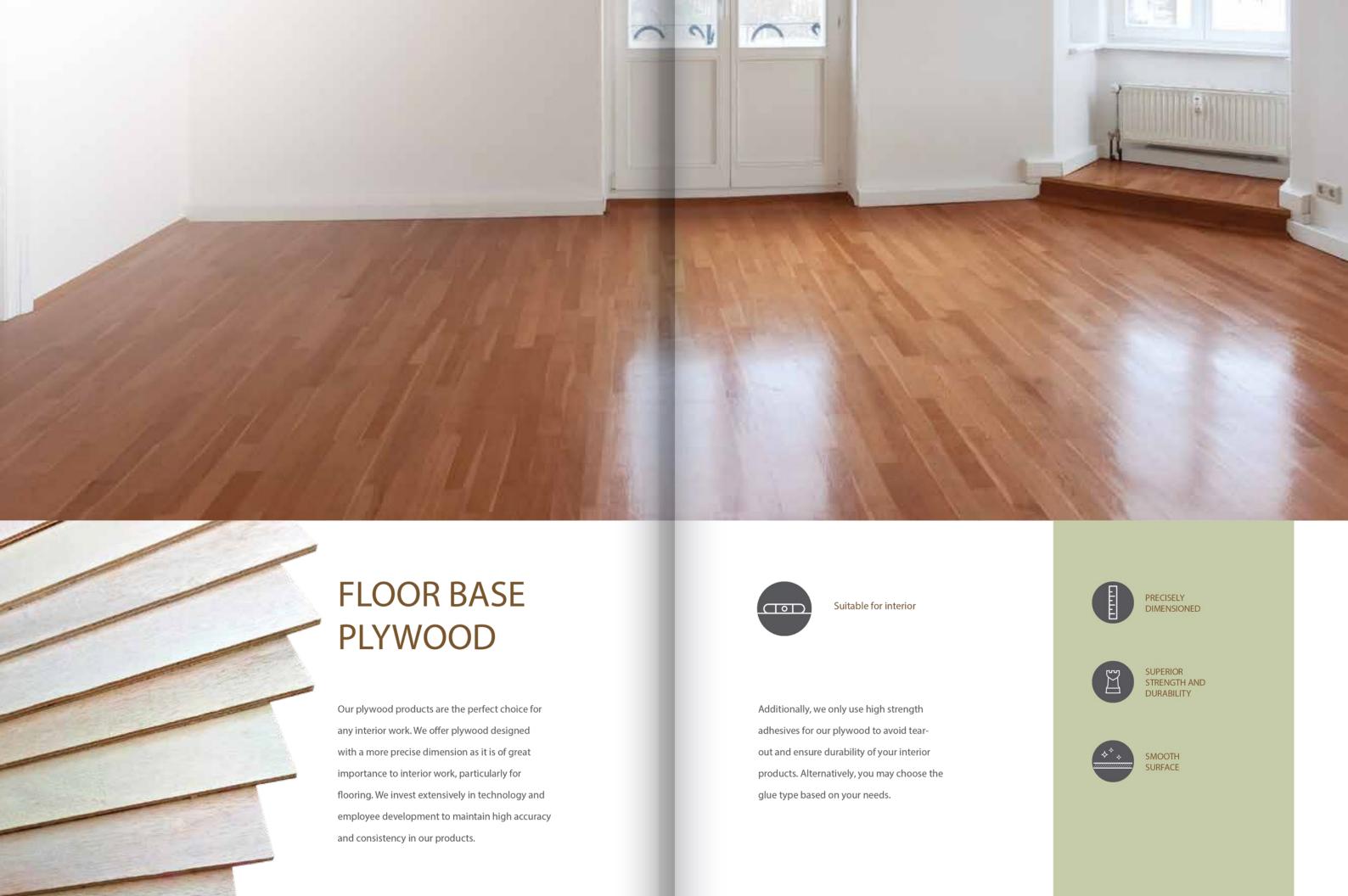


SMOOTH SURFACE



SUPERIOR STRENGTH AND DURABILITY





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



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 ²
Delamination	JAS for LVL 2013	Passed
	Cyclic Extreme (Internal Standard)	Passed
		Passed
Bonding	JAS for Plywood 2014	0.7 N/mm ² - 1.5 N/mm ²
		Long: MOE: 5000 - 5500 N/mm ²
Bending	JAS for Plywood 2014	MOR: 24 - 50 N/mm ²
		Short: MOE: 4000 - 7000 N/mm ²
		MOR: 20 - 65 N/mm ²
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)
	SAMPORENA KNIVE TUNAS PLYWOOD 1001	Falcata	Affordable price with good quality Uniform Color Less vulnerable to insect infestation	2.7	1220 × 2440 (4" × 8")
GENERAL	SAMPORENA KAYOE PALEM PLYWOOD 1001	Faceback: MLH Core: Falcata	Stronger than all Falcata plywood More resistant to shrinkage Natural wood appearance	4.8 5.5 7.5	945 x 1840 (3" x 6")
PLYWOOD	SAMPORENA KAIOE GMELINA PLYWOOD 1102	MLH	Superior strength More dimension stability Natural wood appearance	8.5 11.5	910 x 2130
	SAMPOERNA KATOE HEVEA PLYWOOD 1502	Rubber Wood	Strong (as strong as Meranti) resistant to shrinkage Sustainable wood	15	(3" x 7")
	TERAS	Falcata	Affordable price with good quality Strong High precision	7.0	1220 × 2440 (4" × 8")
FLOOR BASE PLYWOOD	SAMPOERNA KAYOE TUNAS FLOOR BASE 1202			8.9	945 x 1840 (3" x 6")
	SAMPOERNA KAYOE GMELINA FLOOR BASE 1202	MLH	Premium quality Super Strong High precision	11.5	945 x 1840 (3" x 6")
FILM FACED PLYWOOD	SAMPORENA KAYOE	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

: CARB Phase 2, US EPA US Standard

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



















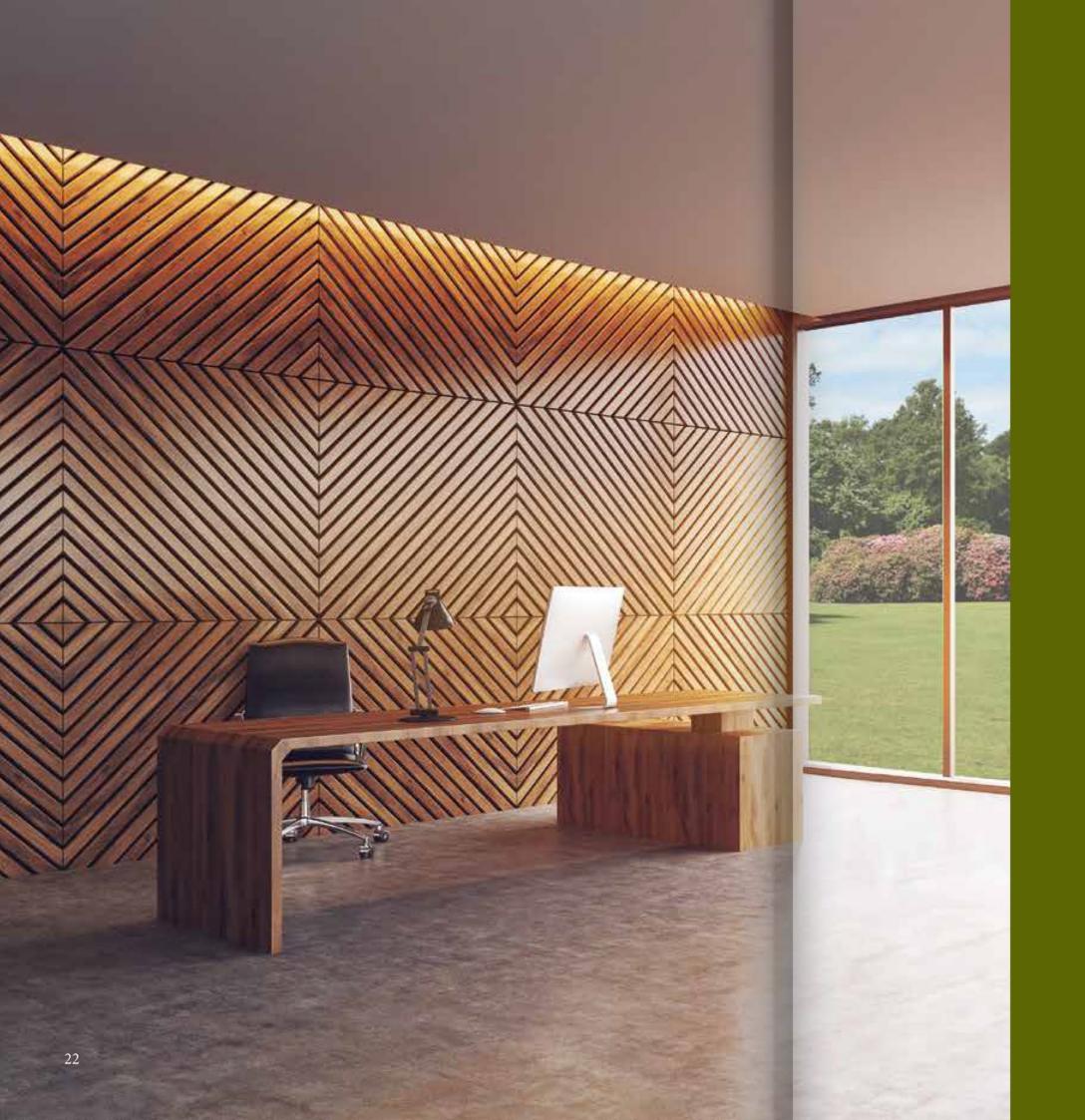


19



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 residentials 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 evolvement 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

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



CERTIFICATIONS



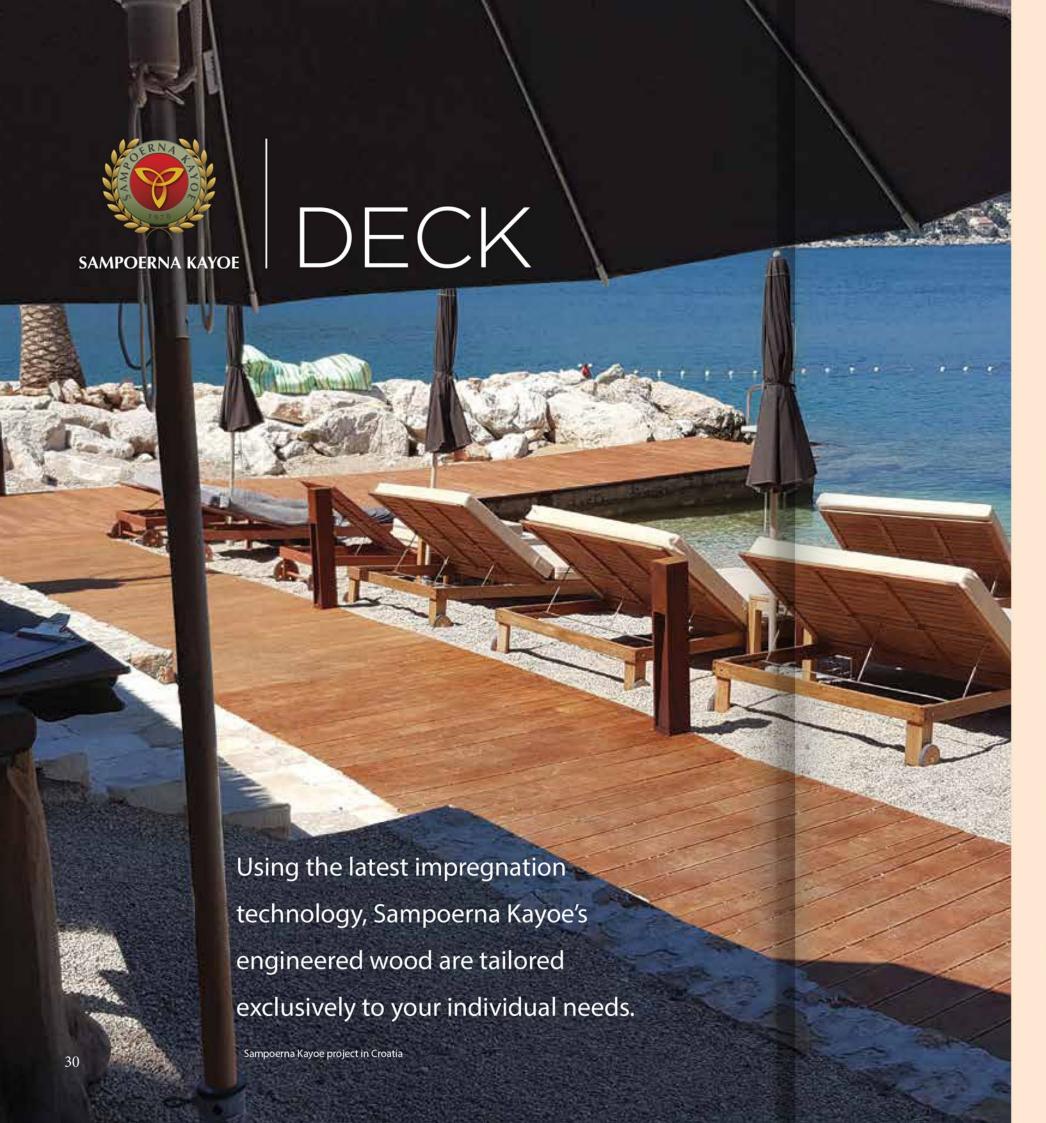














100% REAL WOOD

- 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



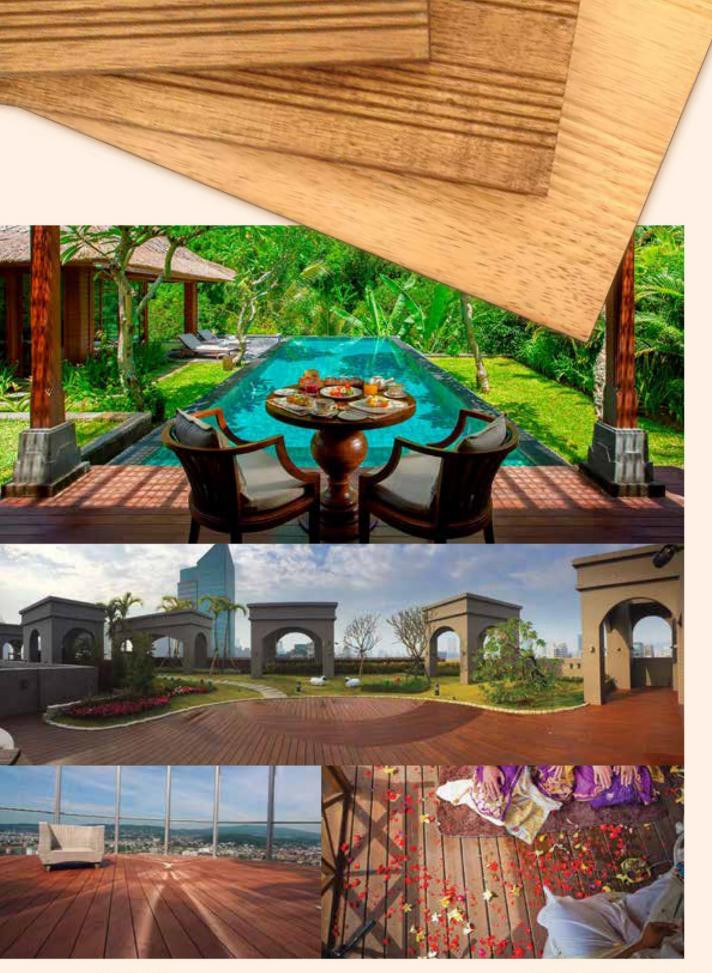
READY TO INSTALL

- 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



DECKTILE

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
SAMPORENA KAYOE HEVEA DECK 1503	20 x 90 x 5000 20 x 145 x 5000 20 x 195 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

DECK PROFILE



COATING COLOR OPTION

CLEAR	
ANTHRACIT ALMOST BLACK	
DARK BROWN-TW MERBAU-3	
LIGHTTEAK	
BROWN/MERBAU-WHITE STEIN2	
SMOKE	
CLEAR/NATURAL	
UNTREATED	
MERBAU	
WHITE STAIN	
DARKBORWN-TM MERBAU 1	
LIGHT TEAK	

TECHNICAL INFORMATION

PROPERTIES	STANDARD	Wood SPECIES Rubber 25mm Impregnated Hevea
DENSITY	JAS 2014 FOR LVL	0.75 - 0.8 g/cm ³
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/mm²
EMISSION	JAS 2014 FOR LVL	Classification F***
DELAMINATION	JAS 2014 FOR LVL	100% (Passed)
МС	JAS 2014 FOR LVL	<14%

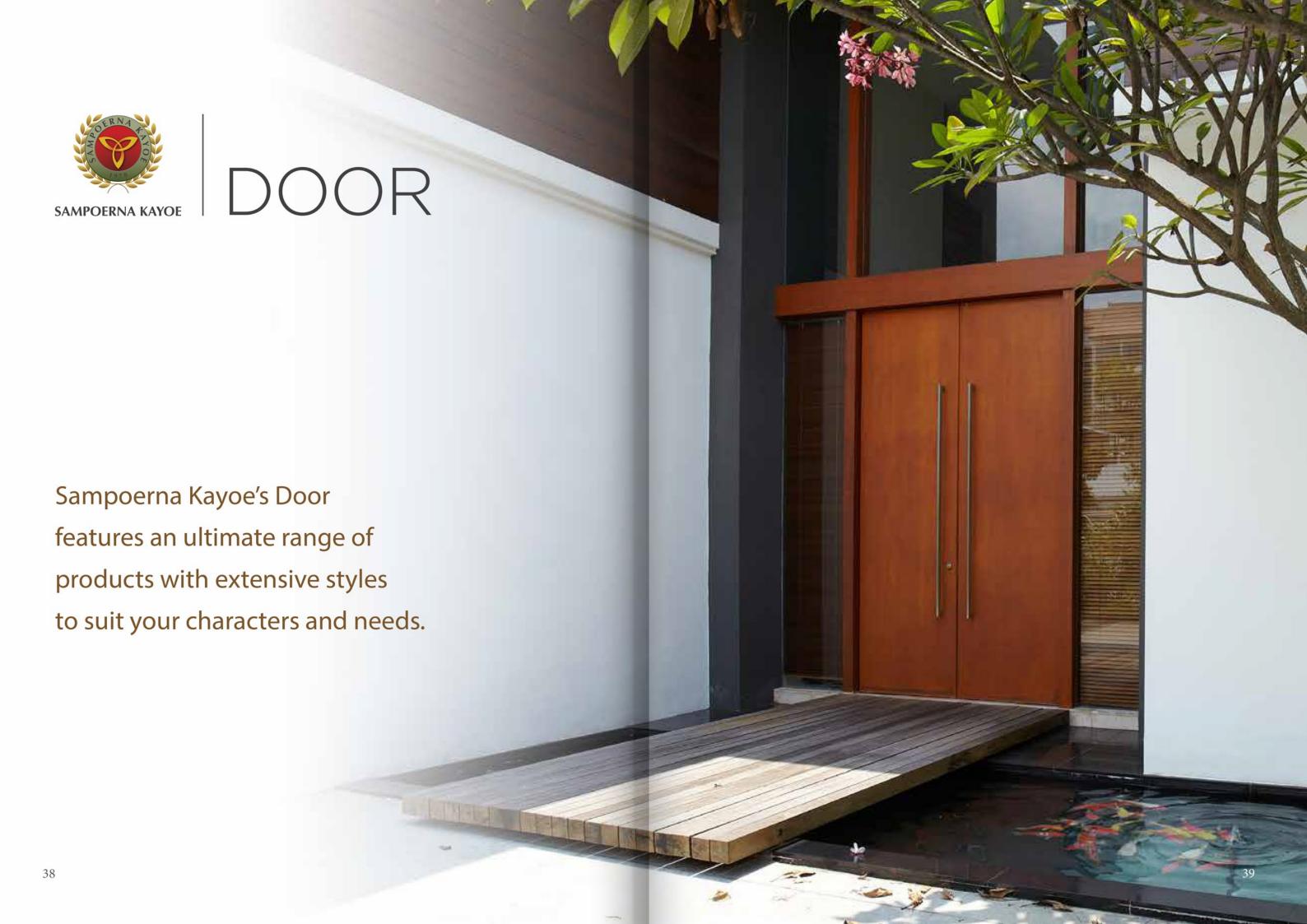
CERTIFICATIONS





The mark of responsible forestry FSC* C135291



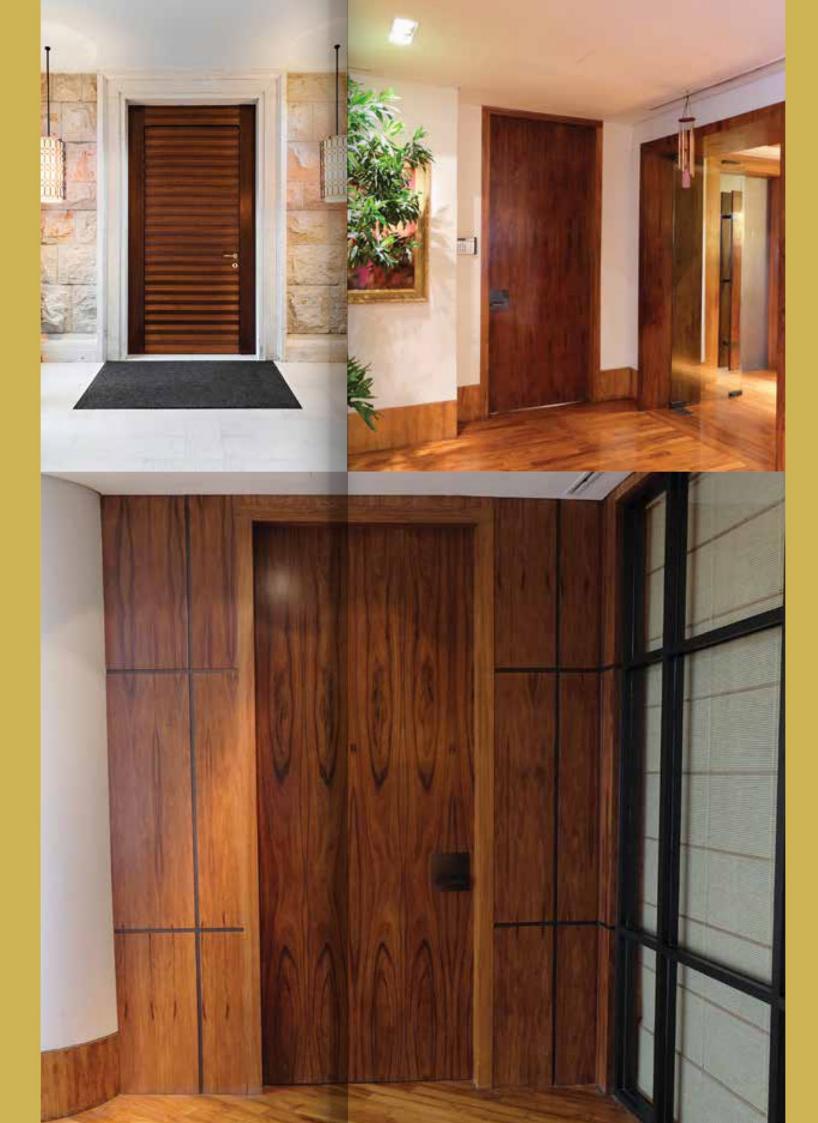


OUR BRANDS





EZZY DOOR











The All Time Collections from



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



ARCHITRAVE

WALLPANEL

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. 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:





Cherry

Walnut







Matoa Dark

Brown





Brown

Matoa Rattan Pink









Wenge

White Ash

Matoa Red

Mahony



SA Zebra



Spheric Cherry



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:

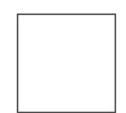
- Door Standard Size: 35 x 820 x 2100mm
- Use LVL
- Frame General Size: 40 x 100 x 886 x 2140mm
- Finishing: Duco
- Door Core Selection: Honeycomb, Styrofoam
- Moisture Content: 10 14%
- Weight: 25 kg

Unfinished Door Selections





Duco Finishing Selections:



Whit



Gray Beige



White Ivory

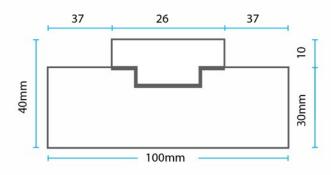


Brow



Light Brown

Frame Contruction



- · 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.

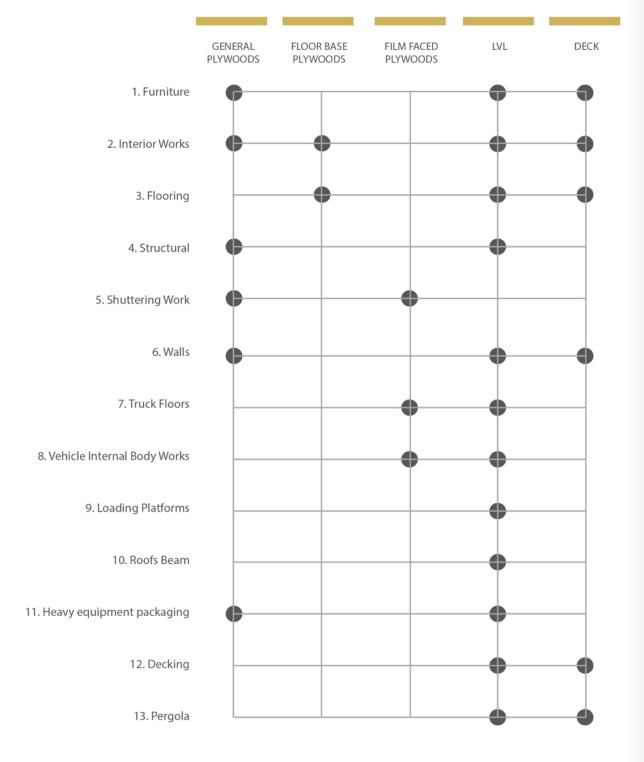
SITE SUPERVISION SERVICE Our site supervision team will work closely in handling your project and delivering hasslefree installation.

CERTIFICATIONS





APPLICATION



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, 21st 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)

SAMKO TIMBER LIMITED

7500A Beach Road, #08-305/307 The Plaza, Singapore 199591 T (65) 6298 2189 I F (65) 6298 2187 www.sampoernakayoe.co.id

