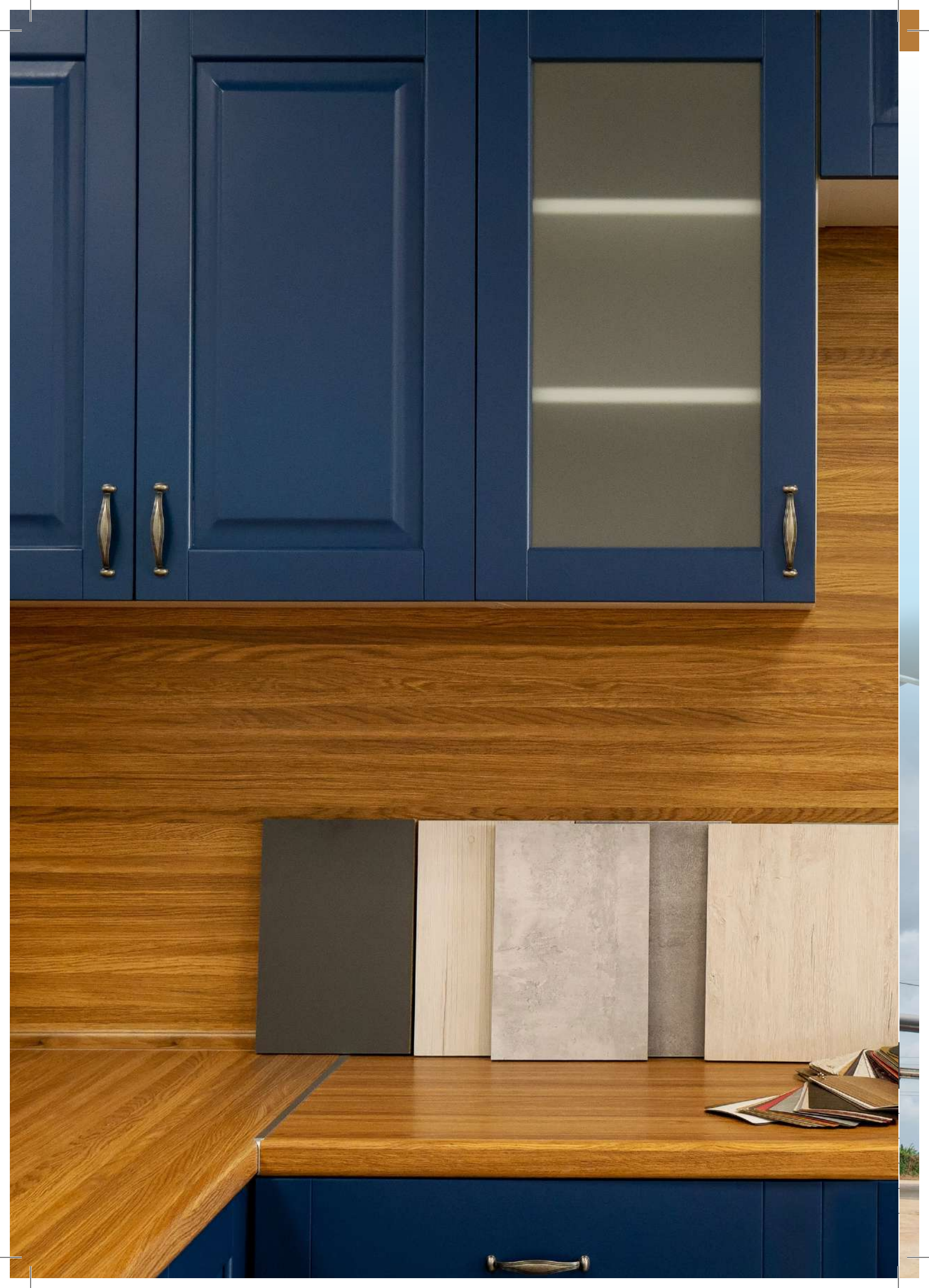


STABILITY
TRENTH
USTAINABILITY



NATURE PANELS

Find everything
about EcoClassic & EcoLam Here!



Our story

We are an eco-conscious team transforming industrial wood residue into engineered solutions that cater to your needs. By combining traditional woodworking skills with scientific knowledge, we have developed a streamlined process to manufacture high-quality particle boards without generating wood waste.

We are owned by Tropical Forests Products, which manufactures and supplies particle boards to professional shopfitters, furniture manufacturers, resellers, tradesmen (large and small), and artisans.



Transformation process of particle board



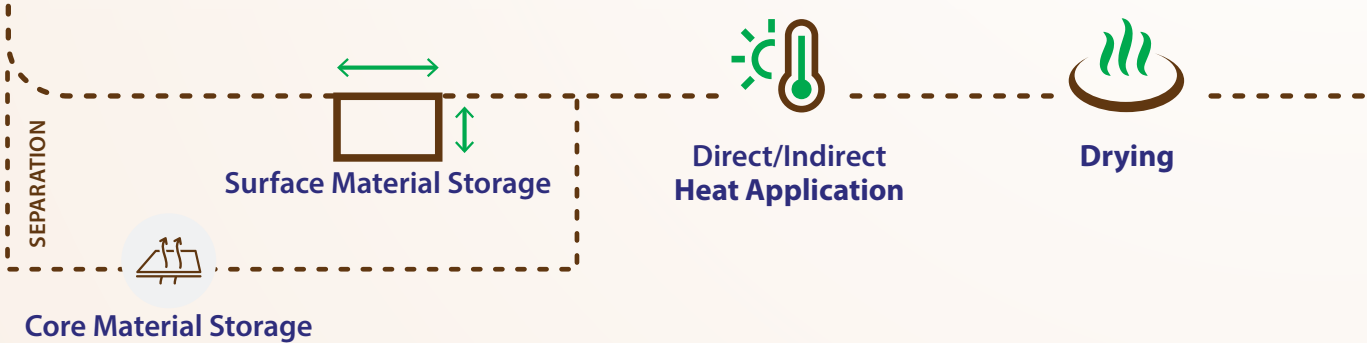
Collection of wood waste from factories at GSEZ

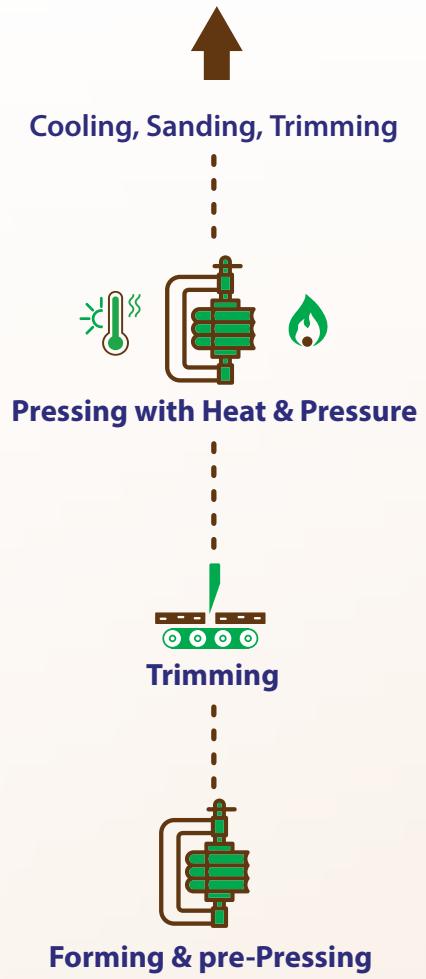
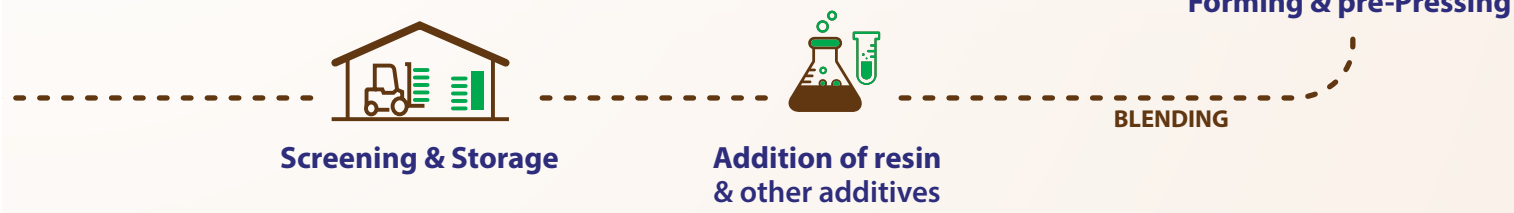


Milling & Filtering to remove unwanted particles



Screening & Organizing





EcoClassic

Raw Particle board

EcoClassic is manufactured in accordance to EN 312:2010

Our State of art EcoClassic boards are built to last. They are suitable for interior use for homes, offices and retail spaces.

In order to manufacture our boards we collect wood flakes from variety of wood species such as Okoume generated from sawn timber, veneer and plywood manufacturing units.



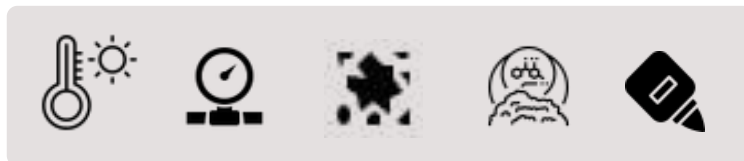
Product Details

SIZE (mm*mm)	2440*1220 (8x4)
THICKNESS (mm)	9, 12, 16, 18, 22, 25
GLUE	E2, E1, MR (UF and MUF Resins)

Key Features

- Excellent dimensional stability
- Stored using modern mechanical methods for quality assurance
- Precise engineering for thickness to ensure high tolerance level
- High density for strength
- Made from 100% industrially sourced wood residue
- Excellent Screw holding capacity

How it is made?



Heat

Pressure

Wood
Flakes

Chemical
additives

Glue

Application



Furniture

Interior

Countertops

Fixture

EcoClassic is sustainably manufactured with a promise of strength and stability.

It is a economical choice for all the interior applications.

EcoClassic's smooth surface makes it ideal for impregnated paper lamination of which enhances its looks and appeal.

Production Capacity	
Location	Zerp, Nkok, Libreville
Press Type	24 - Daylight press
Panel Thickness (mm)	9, 12, 16, 18, 22, 25
Panel Dimensions (mm*mm)	2440*1220 (8x4)
Wood Species	Okoume

Thickness (mm)	Length (mm)	Width (mm)	Boards per Pack
9	2440	1220	110
12	2440	1220	82
16	2440	1220	61
18	2440	1220	55
22	2440	1220	45
25	2440	1220	39

EcoLam

EcoLam is melamine paper laminated particle board that uses EcoClassic boards as substrate. It is manufactured by hot pressing melamine paper on both the sides of EcoClassic particle boards.

EcoLam comes in white and a variety of solid colors and wood finishes. We keep selected colors in our inventory, other colors are manufactured under «make to order».



EcoLam series enhances the look and feel of particle board by coating the surface of raw particle boards with beautiful designs.

Ecolam classic carries the characteristics of EcoClassic boards.

How it is made?

ECOCLASSIC +



Melamine
Impregnated
Paper

Heat

Pressure

Application



Shelving

Interior

Drawers

Cupboard

Kitchen

Product Details

SIZE (mm*mm)	2440*1220 (8x4)
THICKNESS (mm)	9, 12, 16, 18, 22, 25
GLUE	E1/E2 MR

Color options

Solid Uni Colors

Pure White, Dove Grey, Night Grey, Intense Black.

Patterns & Woodgrains

Clean Concrete, Stressed Oak, Deep Cherry, Smoked Walnut, Aged Mahogany, Light Maple.

Finishes

Matt, Suede, Wood texture.

Key Features

- Imported melamine and decor paper
- High-density substrate
- Excellent surface performance characteristics
- Wide colour range
- Decorative aesthetic appeal
- Ease of fabrication
- Hygienic and decorative

Boards per 40 Foot Container	m ³ per container
1430	38.31
1066	38.08
915	43.58
770	41.26
675	44.21
585	43.54



NATURE PANELS

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PROPERTY	TEST METHOD	UNITS	EN 312:2010			
THICKNESS		mm	9-12mm	16-18mm	22-25mm	28-32mm
Thickness Tolerance: Sanded (within and between boards)	EN 324-1	mm (max)	+- 0.3			
Thickness Tolerance: Unsanded	EN 324-1	mm (max)	- 0.3 to + 1.7			
Length & Width Tolerance	EN 324-1	mm/m (max)	+- 5			
Edge Straightness Tolerance	EN 324-2	mm/m (max)	1.5			
Edge Squareness Tolerance	EN 324-2	mm/m (max)	2.0			
Moisture Content	EN 322	% (max)	5 to 13			
Density variation within board	EN 323	% (max)	+- 10			
Bending Strength (MOR)	EN 310	MPa (min)	13	13	11.5	10
Modulus of Elasticity (MOE)	EN 310	MPa (min)	1800	1600	1500	1350
Internal Bond Strength	EN 319	MPa (min)	0.40	0.35	0.30	0.25
Surface Soundness	EN 311	MPa (min)	0.8			
Formaldehyde Potential	EN 120	mg/100g	Either Class E1 or Class E2			
Toluene Run Test	BS EN 382-1:1993	mm (min)	>250			
Fire Rating	SABS 0177	Class	Class 5			
NOTES:	CLASS E1 < 8mg/100g CLASS E2 < 30mg/100g Application Type: P2 - Boards for interior fitments (including furniture) for use in dry conditions					