



PANGUANETA

Plywood For Life

Product Catalogue

ENGLISH



PANGUANETA
Plywood For Life

*The excellence of Italian Pioppo,
an added value to customers performances*

Panguaneta



Panguaneta turns Italian poplar wood, a precious raw material, into plywood with innovative technical features.

Thanks to its deep knowledge of industrial processes and to a strong market expertise, Panguaneta is proud to introduce in these pages its wide offer of products and services.

From research to tests on clones, from plantations to traceability, from the management of the mill flows to the use of new technologies, Panguaneta's experience is a heritage of excellence that the company is proud to share with its customers and commercial partners.

The sustainability of both poplar plantations and veneers processing into plywood are key concepts that belong to our roots. Thanks to the loyalty to our values and our business ethics, we have succeeded in developing solid strong partnerships with the most prestigious market leaders.

Therefore, we are glad to offer our wide range of products which can involve the most diversified applications assuring significant and competitive benefits in every field.

All the products Made-in-Panguaneta are based on our "Pioppo", Italian Poplar raw material, core business of our Company.

Poplar throughout plywood and poplar in combination with other wood species allow infinite solutions, with cutting edge sizes, suitable both for traditional laminate and paper coatings and specific needs for the industry and retailers.

Our customers are the hearth of our business strategy; the key of our success is to contribute and significantly improve their performances.

These pages invite you to discover with us further confirmations, innovations and new opportunities of the extraordinary Panguaneta Plywood.




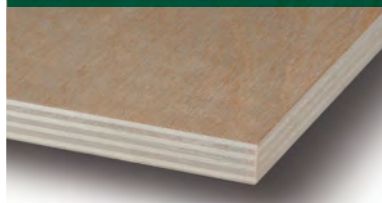


RANGE
Classic

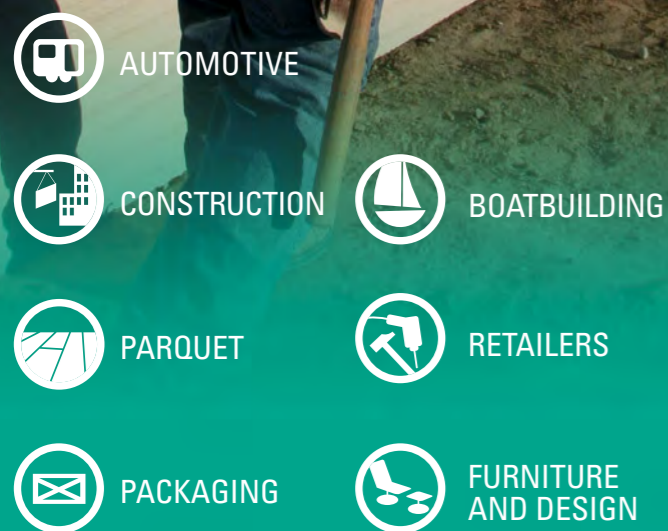
VERSATILE AND FUNCTIONAL








A collection of products to satisfy all the demands of general use.
A quality that guarantees the adaptation to all the solutions in the fields of joinery, retailers and construction.

Thanks to the wide choice of sizes, gluings and qualities, the panels of the Classic range are suitable for the most different final uses: from furniture to industry, for indoor, outdoor and structural use.

This range represents the quality commodities of Panguaneta panel: high dimensional stability, great resistance and maximum versatility. This range is characterized by a great price/quality ratio, pledged from the service Panguaneta.

	Description	Features	Applications	Certifications	Quality	Gluing	Sizes (mm)	Thickness (mm)
	<p>Poplar plywood totally made of poplar veneers.</p> <p>Outer faces with longitudinal grain.</p> <p>Cross grain or unidirectional grain available on request.</p>	<p>Suitable for those entire application fields that enhance all its main features: lightweight, stability, ease of cutting and machining.</p>	<p>Automotive Retailers Boatbuilding Furniture Design Construction Packaging Parquet</p>	<p>PEFC™ CE CE2+</p>	<p>I / II II / II II / III III / III III / IV IV / IV</p>	<p>class 1 / 2 / 3</p>	<p>2440 x 1220 2500 x 1220 2520 x 1720 2520 x 1870 3050 x 1300 3100 x 1530 3120 x 1870 3120 x 2120</p>	<p>3 ÷ 40</p>
	<p>Plywood panel made of outer faces peeled exotic Ceiba with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>Thanks to its considerable light weight and ease of machining it is suitable for decorative coating using plastic laminates or melamine papers in furniture sectors.</p>	<p>Automotive Retailers Furniture Design</p>	<p>PEFC™ CE</p>	<p>II / II II / III</p>	<p>class 1 / 2</p>	<p>2500 x 1220 2500 x 1700 3050 x 1300 3100 x 1530 3120 x 1850</p>	<p>3 ÷ 40</p>
	<p>Plywood panel made of outer faces peeled exotic Okoume with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>The evenness of its surfaces allows excellent finish. It is available in a wide range of gluings and it's suitable for all those application fields that require a great durability and high mechanical performances.</p>	<p>Construction Boatbuilding Furniture</p>	<p>PEFC™ CE CE2+ CTBX</p>	<p>II / II II / III</p>	<p>class 1 / 2 / 3 / CTBX</p>	<p>2500 x 1220 2500 x 1700 3100 x 1530 3100 x 1830</p>	<p>3 ÷ 40</p>
	<p>Plywood panel made of outer faces peeled exotic Ilomba with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>Versatility, ideal support for the decorative coating materials or component in the realization of many composites.</p>	<p>Automotive Boatbuilding Furniture</p>	<p>PEFC™ CE</p>	<p>II / II II / III III / III</p>	<p>class 1 / 2</p>	<p>2440 x 1220 2500 x 1220 3100 x 1530</p>	<p>3 ÷ 40</p>
	<p>Plywood panel made of outer faces peeled exotic Eyong with poplar inner-layers.</p> <p>Outer faces with longitudinal grain with regular course and moderately fine texture.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>High specific weight, hard and resistant surface. It's suitable for all those application fields that require a great durability and high mechanical performances.</p>	<p>Retailers Design Construction</p>	<p>PEFC™ CE</p>	<p>II / III</p>	<p>class 1 / 2</p>	<p>2500 x 1220 2500 x 1700</p>	<p>3 ÷ 40</p>
	<p>Made of outer faces in Medium Density fiber panel with thickness from 2 to 4 mm and combined with poplar inner-layers.</p>	<p>It combines the mechanical properties of MDF with the advantage of a higher light weight and ease of machining. Thanks to the economical advantage combining it with other materials, it has become an important testing element for designers loving novelties.</p>	<p>Furniture Design Construction</p>	<p>PEFC™ CE</p>	<p>II / II</p>	<p>class 1 / 3</p>	<p>2440 x 1220 2500 x 1220 3120 x 2100</p>	<p>12 ÷ 40</p>



-  AUTOMOTIVE
-  CONSTRUCTION
-  PARQUET
-  PACKAGING
-  BOATBUILDING
-  RETAILERS
-  FURNITURE AND DESIGN







RANGE
Superior

RELIABLE AND STABLE
A range devoted to particular purposes and to the most innovative makings. It is represented by well-selected products, high characterization and extremely careful quality control.

Superior plywood is the flagship of Panguaneta range. Panguaneta is the undisputed leader in this segment since more than 40 years.

The cooperation with the most prestigious manufacturers in the automotive and furniture sectors, led Panguaneta to develop a type of plywood that allows coatings with progressively thinner, delicate and precious materials.

The raw materials suitable for the production are selected by our staff directly at their origin, to allow a full control over the entire chain. The quality control is constant on every single step of progress, in order to obtain a final product free from defect. Panguaneta plywood within the Superior range is compact, highly stable, with no signs of deformation in time.

Description	Features	Applications	Certifications	Quality	Gluing	Sizes (mm)	Thickness (mm)
 <p>Birch-Superior</p> <p>It is a wood based panel made of outer faces birch veneers and poplar inner-layers.</p> <p>On request poplar innerlayers can be also combined with birch.</p> <p>Outer faces available in long and cross grain direction.</p>	<p>It combines great mechanical properties with durability.</p> <p>Birch plywood is made in accordance with the technical European and international standards.</p>	Automotive Furniture Construction	PEFC™ CE	I / II II / II II / III III / III	class 1 / 2 / 3	2440 x 1220 2440 x 1530 1530 x 1530 1830 x 1830 2500 x 1250 1530 x 1830	3 ÷ 40
 <p>Pioppo-Superior</p> <p>Poplar plywood totally made of poplar veneers.</p> <p>Outer faces with longitudinal grain.</p> <p>Cross grain or unidirectional grain available on request.</p>	<p>Suitable for those entire application fields that enhance all its main features: lightweight, stability, ease of cutting and machining.</p>	Automotive Boatbuilding Furniture Design Construction Parquet	PEFC™ CE CE2+	I / I II / II II / III	class 1 / 2 / 3	2440 x 1220 2500 x 1220 2520 x 1720 2520 x 1870 3050 x 1300 3100 x 1530 3120 x 1870 3120 x 2120	3 ÷ 40
 <p>Ilomba-Superior</p> <p>Plywood panel made of outer faces peeled exotic Ilomba with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>High uniformity of surfaces. It is an ideal support for the coating with many decorative materials and forms as a component in the realization of many composites.</p>	Automotive Boatbuilding Furniture	PEFC™ CE	I / I I / II II / II	class 1 / 2	2440 x 1220 2500 x 1220 3100 x 1530	3 ÷ 40
 <p>Okoume-Superior</p> <p>Plywood panel totally made of "Okoume" veneers (<i>Aucoumea klaineana</i>).</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>Its main features, as durability and moisture resistance, make it suitable where structural strength is required.</p> <p>Mechanical properties similar to solid wood, but for greater regularity and stability.</p>	Boatbuilding Furniture Construction	CE CE2+ CTBX	I / I II / II	class 1 / 2 / 3 / CTBX	2500 x 1220 3100 x 1530 3100 x 1830	3 ÷ 40
 <p>MDF-Superior</p> <p>Made of outer faces in Medium Density fiber panel with thickness from 2 to 4 mm and combined with poplar inner-layers.</p>	<p>It combines the mechanical properties of MDF with the advantage of a higher light weight and ease of machining.</p> <p>It has become an important testing element for designers loving novelties.</p>	Automotive Furniture Design Construction	PEFC™ CE	I / I II / II	class 1 / 3	2440 x 1220 2500 x 1220 3120 x 2100	12 ÷ 40
 <p>Flex-Superior</p> <p>Plywood panel constructed on demand in Poplar or Ceiba.</p> <p>This product highlights the flexibility maintaining excellent physical-mechanical properties.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>Product extremely versatile, suitable for any possible application, granting innovative solutions, with revolutionary design possibilities.</p> <p>Furniture is its ideal application field.</p>	Automotive Furniture Design	CE	II / III	class 1 / 3	2500 x 1220 1220 x 2500 2500 x 1700 1700 x 2500	3 ÷ 16



RANGE
Eco











CERTIFIED AND TRACEABLE

This range meets the requirements of the sustainable industry thanks to the selection of environment-friendly raw materials, and it represents a very valuable contribution to the eco-friendly manufacturing.

Panguaneta believes that environmental care is a value that must be responsibly pursued, conscious of the growing attention towards environment and sustainability.

Forest Management: Eco range is entirely FSC and PEFC certified. It implies the respect for precise procedures concerning plantation, cutting and control of traffic flows from and to the woods. All this qualifies an important chain of custody. Panguaneta's traceability is guaranteed for all the products and not only within the Eco range.

Formaldehyde release control: Eco range is E1 and CARB2 certified. E1 certification relates to European countries (limit: 0,1 mm). CARB2 is specific for all the extra-EU Countries (limit: 0,05 ppm). Eco range is also available in the new version PureGlue Plywood. All PureGlue Plywood products are made using cross-linking gluing with no added formaldehyde. Thanks to this technology PureGlue Plywood obtained the NAF14-191 certification from the Air Resources Board - California (ARB).

	Description	Features	Applications	Certifications	Quality	Gluing	Sizes (mm)	Thickness (mm)
	<p>Pangua PureGlue Plywood is made with no added formaldehyde, through an innovative non-toxic gluing system.</p> <p>This technology has been developed to reduce the formaldehyde emissions and to contribute to improve air quality within schools, houses, industrial and recreational vehicles.</p>	<p>Pangua PureGlue Plywood represents a contribute to a green environment and to a eco-friendly manufacturing.</p> <p>It is available for the majority of our products collection.</p>	<p>Furniture Design</p> <p>Automotive</p> <p>Boatbuilding</p>	<p>NAF</p>	<p>I / I</p> <p>I / II</p> <p>II / II</p> <p>II / III</p>		<p>2440 x 1220</p> <p>2500 x 1220</p> <p>2520 x 1720</p> <p>2520 x 1870</p> <p>3050 x 1300</p> <p>3100 x 1530</p> <p>3120 x 1870</p> <p>3120 x 2120</p>	3 ÷ 40
	<p>Poplar plywood totally made of poplar veneers.</p> <p>Outer faces with longitudinal grain.</p> <p>Cross grain or unidirectional grain available on request.</p>	<p>Mainly coming from Panguaneta's plantations.</p> <p>Suitable for those entire application fields that enhance all its main features: lightweight, stability, ease of cutting and machining.</p>	<p>Automotive</p> <p>Retailers</p> <p>Boatbuilding</p> <p>Furniture Design</p> <p>Construction</p> <p>Parquet</p>	<p>FSC®</p> <p>PEFC™</p> <p>CE</p> <p>CE2+</p> <p>CARB 2</p> <p>NAF</p>	<p>II / II</p> <p>II / III</p> <p>III / III</p> <p>III / IV</p> <p>IV / IV</p>	<p>class 1 / 2 / 3</p> <p></p>	<p>2440 x 1220</p> <p>2500 x 1220</p> <p>2520 x 1720</p> <p>2520 x 1870</p> <p>3050 x 1300</p> <p>3100 x 1530</p> <p>3120 x 1870</p> <p>3120 x 2120</p>	3 ÷ 40
	<p>Plywood panel made of outer faces peeled exotic Ilomba with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>Versatility, high uniformity of the surfaces.</p> <p>It is an ideal support for the coating with many decorative materials and forms as a component in the realization of many composites.</p>	<p>Automotive</p> <p>Boatbuilding</p> <p>Furniture</p> <p>Construction</p>	<p>FSC®</p> <p>PEFC™</p> <p>CE</p> <p>CARB 2</p> <p>NAF</p>	<p>II / II</p> <p>II / III</p>	<p>class 1 / 2</p> <p></p>	<p>2440 x 1220</p> <p>2500 x 1220</p> <p>3100 x 1530</p>	3 ÷ 40
	<p>Plywood panel made of outer faces peeled exotic Okoume with poplar inner-layers.</p> <p>Outer faces with longitudinal grain.</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>The evenness of its surfaces allows excellent finish.</p> <p>It is available in a wide range of gluings and it's suitable for all those application fields that require a great durability and high mechanical performances.</p>	<p>Boatbuilding</p> <p>Furniture</p> <p>Construction</p>	<p>FSC®</p> <p>PEFC™</p> <p>CE</p> <p>CE2+</p> <p>CTBX</p> <p>CARB 2</p>	<p>II / II</p> <p>II / III</p>	<p>class 1 / 2 / 3 / CTBX</p> <p></p>	<p>2500 x 1220</p> <p>2500 x 1700</p> <p>3100 x 1530</p> <p>3120 x 1850</p>	3 ÷ 40
	<p>Plywood panel totally made of "Okoume" veneers (<i>Aucouméa klaineana</i>).</p> <p>Panguaneta exotic plywood meets the programs for forest sustainable development.</p>	<p>It is FSC mark certified, it guarantees the legal origin of raw material and the correct forest management.</p> <p>Great durability in high moisture and saltiness condition.</p> <p>Great dimensional stability and high mechanical properties.</p>	<p>Boatbuilding</p> <p>Furniture</p> <p>Construction</p>	<p>FSC®</p> <p>CE</p> <p>CE2+</p> <p>CTBX</p> <p>NAF</p>	<p>II / II</p> <p>II / III</p>	<p>class 1 / 2 / 3 / CTBX</p> <p></p>	<p>2500 x 1220</p> <p>3100 x 1530</p> <p>3100 x 1830</p>	3 ÷ 40



RANGE
Project

TECHNOLOGICAL AND REFINED

This is an expert set, with high technology panels, realized to develop new functionalities and higher performances. They are used in the processing and creative industry and in urban furniture.

Project range is represented by products that symbolize the continuous research and innovation to meet the needs of increasingly specific applications.

To obtain these results, Panguaneta employs the most innovative technologies and manufacturing processes to assure significant benefits.

Thanks to the Project products Panguaneta's expertise reaches a hi-tech level and allows many custom-made possibilities in the fields of design, furniture engineering, structural shapes or specific semi-finished items for construction.

Courtesy of Agape - Italy



Description	Features	Applications	Certifications	Quality	Gluing	Sizes (mm)	Thickness (mm)
Pangua-Prime TUTTO-PIOPPO OKOUME-TWIN TUTTO-OKOUME Plywood primed on both sides with acrylic water-based from 80 to 170 µm paint. High-end product for indoor applications.	The priming process eliminates a step in the finishing process, with a significant increase in productivity and efficiency saving.	Automotive Boatbuilding Furniture Design Construction	FSC® PEFC™ CE CE2+	II / II II / III III / III	class 1 / 2	2440 x 1220 2500 x 1220 3050 x 1300 3120 x 1250 3100 x 1530 3120 x 1850	3 ÷ 40
Pangua-Paint TUTTO-PIOPPO OKOUME-TWIN TUTTO-OKOUME Plywood coated on both sides with white melamine paper available from 100 to 220 gr./m². High-end semi-finished product, suitable for painting, for interior and exterior applications.	The application of melamine paper allows a considerable reduction in the amount of paint to be used in the finishing.	Furniture Design Construction	FSC® PEFC™ CE CTBX	II / II II / III	class 1 / 2 / 3 / CTBX	2500 x 1220 2500 x 1700 3050 x 1300 3100 x 1530 3120 x 1850 3120 x 2120	3 ÷ 40
Pangua-Lam TUTTO-PIOPPO CEIBA-TWIN Plywood coated with CPL or HPL laminate with variable thickness from 0.2 to 0.9 mm.	Finish particularly suitable for structures where load resistance and bending resistance are required, and which require the high hygroscopic characteristics of plywood, associated with resistance to scratches and wear typical of the laminate.	Automotive Boatbuilding Furniture Design	PEFC™ CE	II / II II / III	class 1 / 2 / 3	2440 x 1220 3050 x 1300 3120 x 1850	12 ÷ 40
Pangua-Fire TUTTO-PIOPPO TUTTO-OKOUME ILOMBA-TWIN OKOUME-TWIN Multi-layer plywood impregnated and coated with reactive coatings to meet the needs of Euroclass B-s1, d0 according to EN 13501-1.	Pangua-Fire range meets the new market demands for passive protection against fire of building structures in general, for wall and / or ceiling applications.	Automotive Furniture Design	FSC® PEFC™ CE EURO CLASSE B	II / III	class 1	2440 x 1220 2500 x 1220 2500 x 1700 2520 x 1720 2520 x 1870 3100 x 1530	6 ÷ 40
Pangua-Idro TUTTO-PIOPPO - TUTTO-OKOUME ILOMBA-TWIN - OKOUME-TWIN Plywood treated with vinyl versatile copolymer resin, and covered with mold bactericidal preservative with new design and excellent resistance to alkaline run-off and UV.	Product specifically formulated for complete protection of coatings, plastics, plaster and similar products from the development of fungi and algae.	Automotive Design Construction	PEFC™ CE	II / II II / III	class 1 / 2 / 3	2500 x 1220 2500 x 1700	3 ÷ 40
Pangua-Color TUTTO-PIOPPO ILOMBA-TWIN CEIBA-TWIN Plywood coated with a dye that leaves intact the design of the fiber.	The product is ideal for applications in sport equipment, materials for schools, shopping facilities and furniture for exhibitions booths.	Automotive Furniture Design Construction	FSC® PEFC™ CE	II / II II / III	class 1	2440 x 1220 2500 x 1220	3 ÷ 40



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The informations contained in this documents are not legally binding. We reserve the right to make changes for production needs. It is responsibility of the buyer to determine if Panguaneta's products are suitable for the required use and to make sure that the places and directions of use are in conformity with the rules and the laws in force.

For further information about Panguaneta and its products, please visit our web site:

www.panguanetaplywood.com

