Classic Range

Superior Range

Eco Range

Project Range

Hanson Plywood Limited

Panguaneta
Plywood For Life
An extensive range of panel products

Hanson Plywood Ltd offer a service tailored to the individual requirements of a varied, diverse and ever-growing customer base. Our clientele range from general construction companies to high quality furniture manufacturers and all the way back to architects working on their initial specification. We procure goods from sustainable forests around the world with an objective to promote the use of fully certified and fit for purpose products. Our company ethos is to strive to advise and assist at all levels to ensure the technical requirements of all industries can be met. Involvement in the TTF’s Forests Forever Board means that Hanson Plywood are at the forefront of environmental issues and are proactive in promoting sustainable sourcing throughout the UK timber industry. Our aim has and always will be
to create a path of sustainability, through the development of a balance between the economic, environmental and social aspects of our business. Staff investment in the latest technology helps us to deliver the goods on time, within budget and the correct specification for the job.

Quality
Continual investment in our Head Office and warehouse facility ensures that quality of product and the best service will be guaranteed for many years to come. The company currently operates using a quality management system certified to the ISO 9001 standard. This enables us to consistently challenge ourselves to evolve, improve and adapt our business to meet the demands and requirements of our customers. We are also able to offer add-on services such as cutting, machining, laminating and veneering. By working closely with the market leaders within these specialist industries we can offer the best available product and service.

Environment
Hanson Plywood is member of the Timber Trade Federation (TTF) and, as such, we are signatories to the Responsible Purchasing Policy. The policy has provided a strong foundation for our robust Due Diligence System which allows us to ensure that all products are at negligible risk of originating from illegal sources under the EU Timber Regulation (EUTR). We are compliant with both FSC® and PEFC™ Chain of Custody schemes and have pledged to the WWF Forest Campaign to ensure that all of our products are certified by 2020. Our implementation of an Environmental Management System that meets the requirements of ISO 14001 enables us to reduce and mitigate risks of any potential adverse impacts to the environment that can be caused by the operation of our business.
Poplar Plywood
100% Made In Italy

The accurate selection of the raw material, cultivated in specific areas in Northern Italy, is at the base of Panguaneta Brand. Only logs that comply to the highest standards enter the production line. Poplar plywood is synonymous with environmental protection, intended as improvement of the quality of air and water, increased biodiversity in natural habitats and renewable sources of energy. Healthy, convenient, smart, ecological, resistant, efficient, easy to process…

Panguaneta is a high quality, hi-tech, lightweight, sustainable plywood that guarantees a high and consistent level of performance.

Ease of utilisation in overlay applications is a key feature underpinning the product’s value. Panguaneta Plywood is ideal for a wide variety of decorative finishes. It is also an ideal component in manufacturing specific composite panels.

Panguaneta is dedicated the development of natural plywood; low impact products able to combine aesthetics and technical innovations, thus satisfying the growing demand for plywood with excellent reliability and performance features (prefinished plywood, fireproof plywood etc.)
**PANGUANETA**

**MANUFACTURED FROM TIMBER WITH THE HIGHEST ENVIRONMENTAL CREDENTIALS**

An enthusiastic vision of quality, with a customer-oriented focus

With the highest attention to detail and quality, Panguaneta aims to support all of its stakeholders who work to promote the brand across all international markets. Our customers are our most valued assets and the most integral part of this core concept. Every decision is oriented towards the, and every product satisfies the requirements they request.

Quality as the protector of the environment

Panguaneta is committed to supporting the cultivation and above all, the ‘culture’ of the poplar tree. By committing to the sustainable development of the poplar tree, we can ensure that stakeholders feel the benefits of responsible management of forest resources on local, European and Global scales.

The company has achieved certification from the exemplary 100% Poplar "Made In Italy" programme which has played a leading role in the establishment and recognition of the poplar industry throughout Europe (this is the first 100% Poplar certification to bear the Panguaneta trademark!). Panguaneta is also a member of the globally recognised association 'Pro-Populus', which is active in the promotion and environmental safeguarding of poplar trees. Its commitment to the Chain of Custody of the FSC® and the PEFC™ is an additional Panguaneta guarantee.

Panguaneta does not source timber from the following sources:

- Areas where traditions or civil rights have been violated
- Areas where armed conflict is prevalent
- Areas that have been menaced by illegal logging and deforestation
- Plantations that have been converted from Primary Forests or that use GMO’s in the cultivation process.
The H Collection

RIBA Product Selector

The H collection is a specific product guide expressly designed by Hanson Plywood for the RIBA Product Selector, promoting the correct plywood for all applications and helping architects and specifiers to make the correct choices.

The Royal Institute of British Architects (RIBA) was established in 1834 and champions better buildings, communities and the environment through architecture and through its members. RIBA provide the standards, training, support and recognition that puts its members - in the UK and overseas - at the peak of their profession. RIBA relies on its 40,000 members, sponsors and charitable trading operations, as well as its commercial arm, RIBA Enterprises, which includes the brands RIBA Insight and the NBS.

The H Collection has been developed to advise that all specifications should be satisfied with products that are fit for purpose taking into account the application and particular performance criteria required. The Collection of plywood panels are very specific in their technical characteristics and meet all relevant industry standards.

All products are compliant with the Construction Products Directive (CPD), are CE marked and carry a Declaration of Performance (DOP) in accordance with EN 13986. They are all environmentally compliant to EUTR (European Timber Regulation) Legality and Chain of Custody FSC® / PEFC™.

Panguaneta products within the H Collection:

**H Pure Glue Plywood**
Poplar plywood manufactured using a non-toxic, Formaldehyde-Free Glue for improved air quality.

**H Light Weight Plywood**
Poplar / Ilomba construction giving significant weight saving and very high quality faces.
TUTTO-PIOOPPO
CERTIFIED PLYWOOD
100% MADE IN ITALY

Efficient, durable, versatile and decorative. Achieved by the selection of the best raw materials. The undisputed choice for a wide range of industrial, furniture and automotive applications.

305 X 130 CM
THE SIZE EXPRESSLY MADE FOR YOUR JOB

EFFICIENT PERFORMANCES
AT CONVENIENT COST

COMPLETELY REALISED WITH ITALIAN POPLAR
CONTROLLED AND CERTIFIED
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.

With a wide choice of sizes, glue bonds and qualities, the panels of the Classic Range are suitable for wide-ranging applications such as general joinery, construction, furniture, shopfitting, exhibitions and theatre sets as well as the commercial & leisure vehicle industries.

This range showcases the specific attributes of Panguaneta Plywood; high dimensional stability, great resistance and maximum versatility. That is the pledge of Panguaneta
**TUTTO-PIOPPO**

Poplar plywood made totally of poplar veneers. Outer faces with longitudinal grain. Cross grain or unidirectional grain available on request.

Lightweight, stable, easy to cut and machine. Suitable for a field of applications where these features can enhance the end result.

**Certifications**

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<thead>
<tr>
<th>Quality</th>
<th>Bond Class</th>
<th>Sizes (mm)</th>
<th>Thickness (mm)</th>
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<td>3120 x 1870</td>
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**Applications**

- Automotive
- Boatbuilding
- Furniture and Design
- Architecture and Construction
- Retailers
- Parquet
- Packaging

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**OKOUME-TWIN**

Plywood panel made of outer faces peeled exotic Okoume with poplar inner-layers. Outer faces with longitudinal grain. Panguaneta exotic plywood meets the programs for forest sustainable development.

The homogeneity of its surfaces allows excellent finish. It is available in a wide range of glue bonds and it’s suitable for all those application fields that require a great durability and high mechanical performances.

**Certifications**

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<th>Bond Class</th>
<th>Sizes (mm)</th>
<th>Thickness (mm)</th>
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<td>Class CTBX</td>
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**Applications**

- Boatbuilding
- Furniture and Design
- Architecture and Construction

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**PIOPPO-MDF**

MDF outer faced panel with 2mm-4mm MDF outer layers and poplar veneers comprising the inner layers. It combines the mechanical properties of MDF with the advantages of a lighter weight and ease of machining.

Economical benefits of combining it with other materials, has made the product an important element for designers who experimenting with a range of end uses.

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<td>Class 3</td>
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**Applications**

- Furniture and Design
- Architecture and Construction
A range devoted to both particular purposes and innovative creations. The Superior Range denotes carefully selected products with high performance characteristics as the result of careful quality control.

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

Collaboration with some of the most prestigious manufacturers in the automotive and furniture sectors has led Panguaneta to develop plywood products that allow coatings with progressively thinner, delicate and precious materials.

The raw materials suitable for the production are selected by staff directly at their origin, to allow full control over the entire chain. Quality control is present at every step of the production process in order to obtain a final product that is free from defect.

Panguaneta plywood belonging to the Superior Range is compact, highly stable, with no signs of deformation over time.
BIRCH-SUPERIOR

Wood based panels made of outer faces of birch veneers with poplar comprising the inner layers.

- Poplar/Birch combi core is available on request.
- Outer faces are available in both long and cross grain directions.
- Adds higher mechanical properties while keeping density low.

Birch plywood is manufactured in accordance with the European and International standards.

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ILOMBA-SUPERIOR

Plywood panels made of peeled exotic ilomba veneers for outer faces with Poplar for the inner layers. Outer faces have a longitudinal grain direction. Panguaneta’s exotic veneers are sustainably sourced and products are available with PEFC™ or FSC® certification claims on request.

With its high uniformity of surfaces, Ilomba plywood is an ideal substrate for a wide variety of decorative finishes. It is also an ideal component in manufacturing specific composite panels.

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<td>3100 x 1530</td>
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RANGE

Eco

CERTIFIED AND TRACEABLE

This range meets the sustainability requirements of industry due to the selection of environmentally friendly raw materials and eco-friendly manufacturing.

Panguaneta believes that environmental care and sustainability are values that must be responsibly pursued and the company accepts and applauds the growing attention of industry towards these values.

Forest Management: The Eco Range is comprised of entirely FSC® and PEFC® certified products. These certification schemes mean that products are part of a documented Chain of Custody which ensures that they can be traced back to a sustainably managed forest concessions, upholding crucial social, environmental and economic principles along the way.

Panguaneta’s supply chain traceability is guaranteed for all of our products, not just the Eco Range.

Formaldehyde release control: The Eco range meets the requirements of E1 and is CARB Phase 2 compliant. E1 is a classification set by the European standard, EN 717 (limit: 0.1 ppm). CARB is the California Air Resources Board and formaldehyde emissions must be lower than 0.05 parts per million (ppm) in order to comply.

PureGlue Plywood is also part of the Eco Range. All PureGlue Plywood products are made using cross-linking glue bonds with no added formaldehyde. Thanks to this technology, PureGlue Plywood meets the NAF14-191 (No Added Formaldehyde) standard set by the Californian Air Resources Board.
**Green features and performance advantages**

The advantages of our Pangua PureGlue plywood begin with our 100% Made in Italy Poplar plantations where we take responsibility for sustainable harvesting practices. This means that the company adheres to the precise procedures concerning plantations, harvesting, cutting allowances and wood flows, allowing for a qualified, certified and fully traceable Chain of Custody.

Pangua PureGlue responds to new global regulations which have been enacted to restrict formaldehyde emissions from interior wood products, and help improve indoor air quality.

**Glue technology overview**

Pangua PureGlue products have been developed in collaboration with Solenis LLC, a leading chemical specialist who operates on a global scale. These products are manufactured with Soyad™ adhesive technology.

This environmentally friendly adhesive is formulated with a proprietary cross-linking resin and natural soy flour. It provides a strong and moisture resistant bond, without the use of formaldehyde.

**Formaldehyde emission standards**

Pangua PureGlue plywood panels comply with NAF (No Added Formaldehyde) global regulations that restrict formaldehyde emissions from their interior wood products. Panguaneta is the first European plywood company to be approved since June 2014 as NAF manufacturer by the State of California Air Resource Board. NAF based resins are formulated with no added formaldehyde as part of the cross linking resin system. Pangua PureGlue meets or exceeds Carb Phase 2 (California Air Resource Board), F**** (Japanese Industry JIS), AS/NZS (Australia-New Zealand) formaldehyde emission standards.
Project

TECHNOLOGICAL AND REFINED

This range is a collection of expert, highly technological panels which are manufactured in order to realise the development of new functionalities and higher performances. They are used in manufacturing, the 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 product range and the innovation behind them, Panguaneta’s expertise in panel manufacture is at the highest level. This allows the company to cater for many custom and bespoke possibilities in the fields of design, furniture manufacture, engineering, structural design and specific, semi-finished items for construction.
**PANGUA-FIRE**

Multi-layered plywood, impregnated and coated with resistant coatings to meet the needs of Euroclass B-s1, d0 according to EN 13501-1.

Pangua-Fire range meets new and changing market demands for protecting buildings and their inhabitants against fire. Used for general construction, walls and/or ceiling applications.

**Certifications**
- FSC®
- PEFC™
- CE
- EURO CLASS B

**Quality**
- Class 1

**Bond Class**
- Class 1

**Sizes (mm)**
- 2440 x 1220
- 2500 x 1220
- 3100 x 1530

**Thickness (mm)**
- 6 ÷ 40

**PANGUA-LAM**

Plywood coated with CPL or HPL laminate with variable thickness from 0.2 to 0.9mm.

The finish of Pangua-Lam is suitable for structures where load resistance and bending resistance are required in addition to applications where high hygroscopic performance is required.

**Certifications**
- PEFC™
- CE

**Quality**
- Class 1
- Class 2
- Class 3

**Bond Class**
- Class 1
- Class 2
- Class 3

**Sizes (mm)**
- 2440 x 1220
- 3050 x 1300
- 3120 x 1850

**Thickness (mm)**
- 12 ÷ 40

**PANGUA-FORTE**

Engineered, innovative plywood with outstanding durability which is designed to resist biological degradation (fungus, mould, wood-boring insects).

Pangua-Forte is available in variations that meet durability classes 3 and 4 according to the European Standard EN 350.