

Corporate Catalog 2017

*Challenge
the ordinary*

garnica

We challenge the ordinary by exploring the limits of perfection to engineer the finest plywood for the most demanding clients.

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garnica

Challenge the ordinary

Challenge

75 years and counting

Ever since its foundation back in 1941 as a sawmill in Baños de Río Tobía in La Rioja, Spain, Garnica has been a pioneer in exploring new ways to manage and use natural resources wisely, and to manufacture exceptional plywood solutions to suit the needs of our clients worldwide.

We have come a long way, continually going further in our pursuit of excellence, steadily growing and always keeping an eye on the future.

At present, Garnica is a world reference to the industry with a broad range of plywood based products.

It also manages its sourcing forests and owns production facilities in Spain and France. Garnica is present in all continents and exports products to more than 40 countries.

But for us, this is just the beginning.

Timeline



Garnica begins exporting its products to various countries: its high-quality plywood is well received by several European industrial companies that use plywood for the production of caravans, boats, and furniture, among other applications



Garnica is born as a family sawmill in Baños de Río Tobía, La Rioja, Spain

1941

1973

The «Maderas Garnica» company is created and the plywood factory in Baños de Río Tobía opens its doors



1980-1989



Beginning of operations at the factory in Valencia de Don Juan (León, Spain)

1996

1995

The Fuenmayor (La Rioja, Spain) factory commences its operations



2003

To streamline services like the Commercial, Technical, Production, and Quality Departments, Grupo Garnica Plywood is born, headquartered in Logroño, Spain

2010



The group invests 30 million euros in expanding the factory Baños de Río Tobía and creating a new facility in Sarriena, in southern France

2016

Garnica updates its image and adopts the slogan «Challenge the ordinary»



The venture capital group ICG joins the Group as a shareholder. The entry of this new partner is an active support in financial growth and professional management

Exploring

Thinking out of the box

Our exploring nature gives us a hunger for innovation. We are natural trend seekers as well as attentive listeners and always quick to spot the market's newest requirements.

In our quest to discover, identify and satisfy our customers' needs, we have found that safety, robustness, and sustainability have become the market's leading touchpoints. With this in mind, Garnica has developed specific product lines to meet people's needs.

Fireshield, for example, offers safety beyond expectations. As its name suggests, it is an exceptionally resistant fire-retardant plywood, specially developed for construction and decoration applications which require that its properties remain intact when working on or sanding the panel. It is treated to ensure that its properties endure in the most adverse circumstances. Or G-Brick, one of our latest developments, also created for construction purposes as a response to the growing demand for sustainable and energy-efficient building materials. G-Brick allows almost zero-energy consumption projects, thus saving on cost.

The Durable family's high resistance to natural decay is Garnica's solution to the swelling demand for more robust, long-lasting, sustainable plywood solutions for different applications. The Durable family's remarkable properties make it an exceptional choice for construction or marine applications, due to its invulnerability to fungi and other elements of nature obtained through an innovative treatment process.

Clients are our market, no matter where they are

Garnica is a global leader that exports 93% of its production to Germany, France, UK, Netherlands, and the USA as primary markets and has a presence in over 40 countries in all continents. Unphased by frontiers, we deliver to wherever our clients may be.



Germany
 Argentina
 Australia
 Austria
 Belgium
 Bosnia and Herzegovina
 Canada
 China
 Cyprus
 Croatia

Denmark
 United Arab Emirates
 Slovenia
 Spain
 Finland
 France
 Britain
 Greece
 Guatemala
 Holland

Hungary
 Ireland
 Israel
 Italy
 Japan
 Jordan
 South Korea
 Malta
 Morocco
 Mexico
 Norway

New Zealand
 Poland
 Portugal
 Romania
 Sweden
 Switzerland
 South Africa
 Thailand
 Turkey
 Uruguay
 USA

Your trust is our reward

We prefer to think of ourselves as solution providers as opposed to simply product sellers. This is made possible by an experienced team that is keen to offer direct, expert advice and support in every step of the journey, from assistance and guidance to after-sales service. Through the strengthening of our relationship with clients, we seek to build valuable and trustful partnerships through which we can not only meet but exceed their expectations.



Non-conventional

A vertical model, a sustainable model

Garnica possesses a unique know-how and cost-efficient, vertically integrated model of production based on sustainability.

By fostering plantations that are sustainable from which to source our wood we provide benefits for rural areas and in doing so, we help to improve the quality of life of their inhabitants. At our plant nurseries, we select our clones to guarantee successful sustainable plantations and, along the way, obtain the best woods for our products. We also control the logging and transformation processes in order to, ultimately, deliver the finest plywood for a broad range of applications.





Planet, people, profit



Climate change is having a dramatic impact on our planet, which is why the management of sustainable forests is so important in the reduction of greenhouse gases. As mentioned above, Garnica always has its eye on the future. Our clear vision is developed and inspired by our respect for our planet. Garnica's commitment to sustainable plantations goes beyond plywood production. Tangible in the way we foster and manage our sustainable plantations of trees such as poplars, one hectare can capture up to 11 tons of CO₂ per year. In addition, it is grown as a managed forest in agricultural areas, thereby enhancing people's living conditions.

Managed wood plantations, a wise option for our planet

Fast-growing plantations are the answer to the increasing demand for forest products. In this sense, poplar is one of the most sustainable species, and its lumber is becoming increasingly popular as a replacement for other species because, among other features, it grows four times faster than other coniferous and tropical species.

Convinced as we are that forest products should regain their leading role in consumption against other materials and other non-sustainably managed wood species, Garnica manages extensive poplar plantations across Europe both PEFC and FSC® Certified.

FSC® certification ensures that materials and products bearing FSC® labeling come from responsibly managed forests, while the Pan-European Forest Certification (PEFC) is a system of voluntary promotion and certification of sustainable forest management. All of Garnica's facilities have the PEFC Chain of Custody Certification, which verifies that wood used in the transformation industry comes from sustainably managed woods.

In Garnica's managed woods the use of selected clones grown in plant nurseries until definite plantation ensures very homogeneous poplars, which results in very solid wood with an excellent yield. We only log when the tree has reached its optimal growth. Also a fast-growing tree, eucalyptus is one of the most widespread plantation woods. Among the 700 eucalyptus' species, Garnica selected the Globulus to foster sustainable plantations due to its high density and resistance.



The mark of responsible forestry
Search for FSC® certified products

Exceptional products

Plywood beyond expectations

Lightness, easy to machine and perfect finish are the three essentials to any Garnica product. Our product range composes of seven plywood family products. Classified as **Panel**, **Modified Panel**, and **Specialty products**, which are not just plywood, all are sourced from sustainable woods plantations and developed to meet market's specific needs, such as resistance, performance, durability, and of course, beauty.

Panel Families

Coatings and veneers enhance the natural properties of all products in the Panel Family.

Modified Panel Families

Products in the Modified Panel Family are panels treated through innovative processes which give these products unique features, such as fire retardant properties or resistance to the attack of fungi and insects.

Specialties

Our products are Specialties particularly developed to satisfy specific needs of the market, complying with sustainability and energetic efficiency thus taking a step forward on our planet's behalf.



Panel Families

- Efficiency
- Performance
- Elegance
- Reinforced
- Tradition

efficiency

Lightness that challenges the impossible



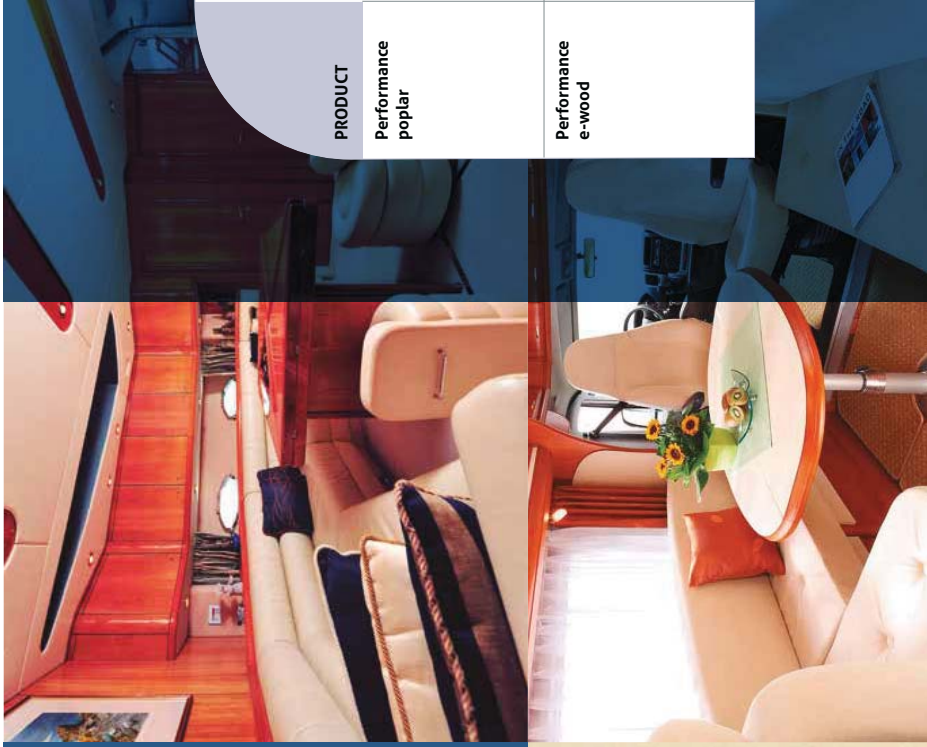
Maximum sustainability thanks to its poplar sourced from fast-growing plantations. This wood is characterised by its lightness, stability, surface quality and ease of machining; exceptional qualities that make for a tremendously versatile range.

Efficiency

PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS				
Efficiency poplar	Lightweight panel composed entirely of European sustainable plantation poplar. An infinity of applications due to its excellent mechanical properties and wide variety of formats available at a very reduced cost. Its attractive white ivory color makes it ideal for painting or coating.	FSC® PEFC CE CE2+ CARB Phase 2 KOMO AITIM	Caravan	Marine	Furniture	Decoration	Building
Efficiency hdf	European light poplar plantation panel coated with thin layers of HDF. Its exceptional surface quality allows uniform finishes with any type of coating, which makes it an ideal panel for furniture manufacturing. The resistance of the plywood avoids the typical HDF moisture absorption problem.	PEFC CE					

performance

Quality that challenges perfection



Exceptional performance in the most demanding applications thanks to premium quality interior and exterior veneers and the meticulous finishing work on the panels.
Its sustainable plantation poplar core provides lightness, stability, surface quality and ease of machining.

Performance

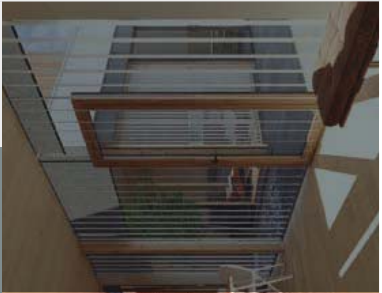
PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS				
Performance poplar	Lightweight panel composed entirely of European sustainable plantation poplar. Premium quality interior sheets for exceptional performance when covered in film or laminated.	FSC® PEFC CE CE2+ CARB Phase 2 KOMO AITIM	Caravan	Marine	Furniture	Decoration	Building
Performance e-wood	Lightweight panel composed entirely of European sustainable plantation poplar. Premium quality inner veneers and high surface hardness engineered wood faces with excellent scratch and crack resistance, whose properties surpass other tropical plantation woods.	PEFC CE AITIM	Caravan	Marine	Furniture	Decoration	Building

elegance

Beauty that challenges the ordinary



The beauty of the products faces finished in natural wood, makes it ideal for furniture and decoration. In addition to providing exceptional lightness and ease of machining, its sustainable plantation poplar core gives these panels great stability and surface quality.



PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS				
			Caravan	Marine	Furniture	Decoration	Building
Elegance globulus	Light panel with a European poplar core and decorative plantation eucalyptus faces from the Globulus variety. Distinguished for its high strength and density. A variety of tones that include cinnamon to chocolate brown.				●	●	
Elegance birch	Lightweight panel with European poplar core and decorative birch faces, with soft, warm tones and elegant grain.				●	●	
Elegance cherry	Lightweight panel with European poplar core and decorative cherry faces, with coppery shades with glossy grain.	PEFC			●	●	
Elegance walnut	Lightweight panel with European poplar core and decorative walnut faces. A wood universally appreciated for its chocolate colour and characteristic grain.	CARB Phase 2 CE AITIM			●	●	
Elegance maple	Lightweight panel with European poplar and decorative maple faces, pale pink in tone and marked reddish brown grain.				●	●	
Elegance red oak	Lightweight panel with European poplar core and decorative red oak faces, with attractive toasted tones and reddish tints.				●	●	
Elegance white oak	Lightweight panel with European poplar core and decorative white oak faces and attractive cream tones.				●	●	

reinforced

Strength that challenges imagination



Combined poplar core is used to reinforce its physical-mechanical properties whilst maintaining a surprising ease of machining and decorative multi-layer edges. Ideal features for decoration, furniture making and parquet support.



Reinforced

PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS				
Reinforced globulus birch	Panel with poplar core reinforced with eucalyptus of the Globulus variety, a sustainable species that provides extra density and resistance. Birch faces and multi-coloured edges make it ideal for decorative uses.		Caravan	Marine	Furniture	Decoration	Building
Reinforced globulus poplar	Panel with poplar core reinforced with eucalyptus of the globulus variety. A sustainable species that provides extra density and resistance. Attractive ivory white poplar faces.	PEFC CARB Phase 2 CE AITIM					
Reinforced globulus globulus	Panel with poplar core reinforced with eucalyptus of the globulus variety. A sustainable species that provides extra density and resistance. Eucalyptus faces in shades of cinnamon and multi-veneered edges, which make it ideal for decorative uses.						

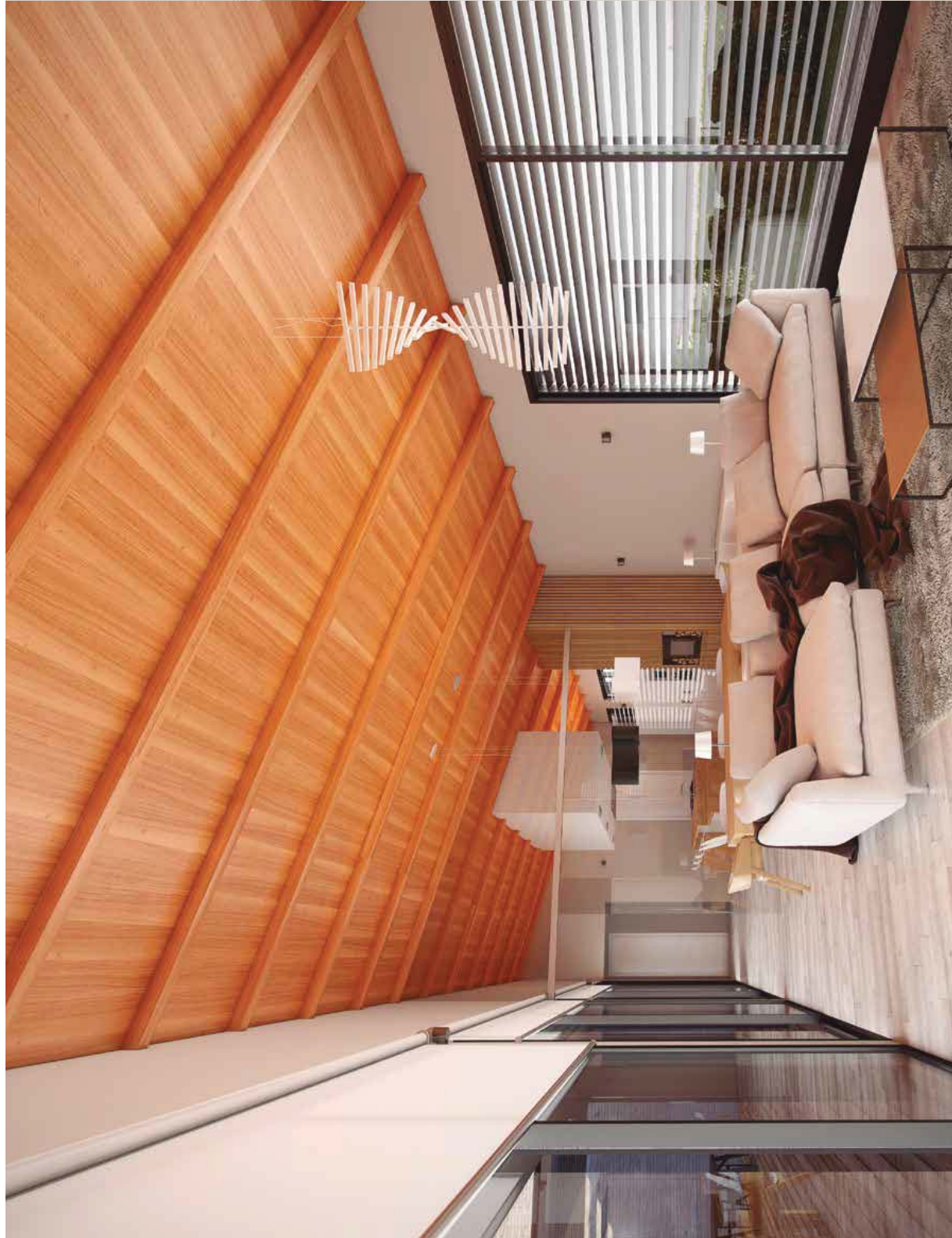
tradition

Tropical spirit that challenges the established

Panels made from exotic wood species to enhance their natural characteristics: durability, flexibility, surface hardness and decorative finish.

Tradition

PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS				
Tradition twin okoumé	Lightweight panel with European poplar core and decorate okoumé faces. Its visual appeal with characteristic reddish tones and ease of machining make it a very versatile panel.	PEFC CARB Phase 2 CE2+ CE AITIM	Caravan	Marine	Furniture	Decoration	Building
Tradition full okoumé	Panel made entirely by okoumé, for indoor and outdoor use due to its natural properties of durability and resistance.	FSC® CE CE2+ AITIM CTB-X KOMO BS-1088					
Tradition twin ilomba	Lightweight panel with sustainable plantation European poplar core and ilomba faces. Premium quality interior veneers for exceptional performance when covered in film or laminated.	PEFC CARB Phase 2 CE2+ CE AITIM					
Tradition flex fromager	Light and flexible panel thanks to its special composition of three fromager sheets.	CE					



Modified Panel Families

- Durable
- Fireshield





Resistance that challenges nature



Plywood modified using an innovative treatment gives the panel core exceptional durability. Immune to fungal and insect attack, even when used outdoors and in the most demanding of weather conditions. Its lightness, surface quality and ease of machining make it tremendously versatile, easily adapting to the needs of multiple applications. Maximum sustainability due to its composition using fast-growing wood sourced from European plantations.



Durable

PRODUCT	CHARACTERISTICS	CERTIF.	APPLICATIONS				
Duraply	Ultra-durable panel for outdoor use in the most demanding conditions, composed of sustainable plantation wood.		Caravan	Marine	Furniture	Decoration	Building
Duraprimed	Ultra-durable panel for outdoor use in the most demanding conditions, composed of sustainable plantation wood. Pre-painted faces, maximising time and money savings.	FSC® PEFC CE2+ CE AITIM					
Durapaint	Ultra-durable panel for outdoor use in the most demanding conditions, composed of sustainable plantation wood. Faces coated with MDO, which in addition to maximising time and money saved, provides surface hardness and greater durability for painting.						
Duraply globulus	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and coated with Eucalyptus Globulus faces, in shades that range from cinnamon to chocolate brown.						
Duraply birch	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and covered with birch faces, soft and warm tones and elegant grain.						
Duraply cherry	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and covered with cherry faces, in copper tones with glossy grain.						
Duraply walnut	Highly durable decorative panel for use in demanding humid conditions. Imposed by sustainable plantation wood and covered with walnut faces, a species universally appreciated for its chocolate color and characteristic grain.	CE PEFC					
Duraply maple	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and covered with maple faces, pale pink in tone and with reddish brown streaked grain.						
Duraply red oak	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and covered with red oak faces, with attractive reddish toasted tones.						
Duraply white oak	Highly durable decorative panel for use in demanding humid conditions. Composed of sustainable plantation wood and covered with white oak faces, with attractive cream tones.						



Innovation that challenges flames

Plywood modified by an innovative treatment that renders the entire panel exceptionally fire resistant, certified by the most demanding tests, even after sanding or machining.

Wide variety of formats available to suit any type of project.

Maximum sustainability and lightness thanks to its composition using fast-growing wood sourced from European plantations.

Fireshield

PRODUCT	CHARACTERISTICS	CERTIFICATIONS	APPLICATIONS					
			Construction	Decoration	Furniture	Marine	Caravan	Train
Fireshield building	Ideal panel for construction projects of restaurants, auditoriums, schools and other public buildings. B-s1-d0 and ASTM E-84 Euroclass certifications that prove its excellent performance in fire resistance tests.	B-s1-d0 ASTM E-84 Class A PEFC CARB Phase 2 CE AITIM	●	●	●			
Fireshield marine	Specific panel for the construction of large ships. IMO certificate, which proves its excellent performance in fire resistance tests.	IMO PEFC CARB Phase 2 CE AITIM				●		
Fireshield train	Specific panel for the train construction industry. NF F16-101 certificate, which proves its excellent performance in fire resistance tests.	NF F16-101 M1 F1 PEFC CARB Phase 2 CE AITIM						●



Specialties

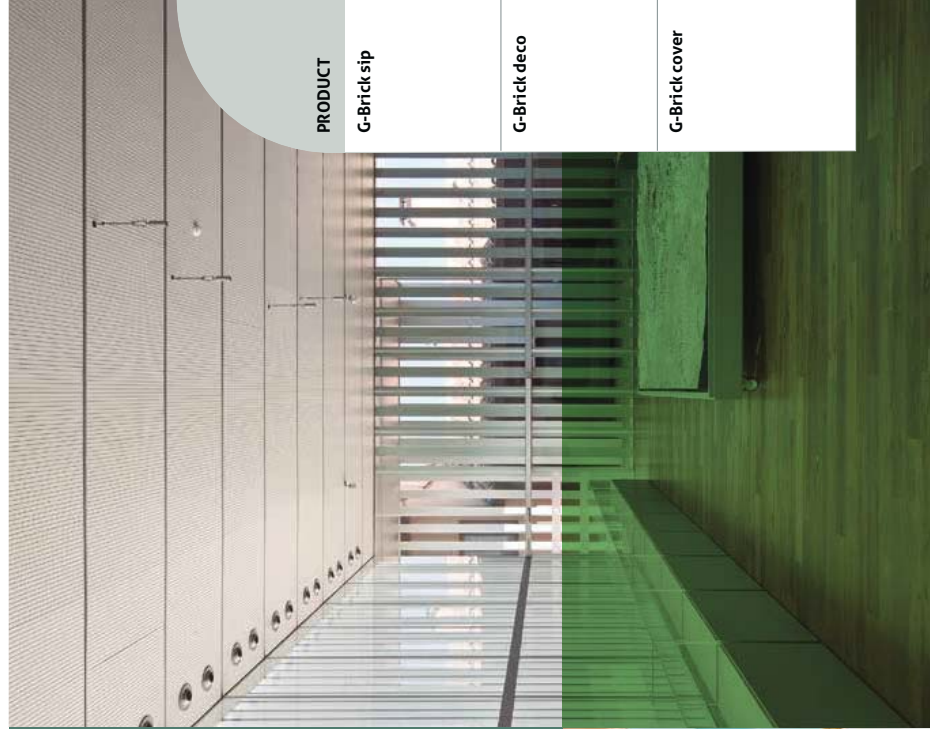
Creating value
with every new
development

• G-Brick

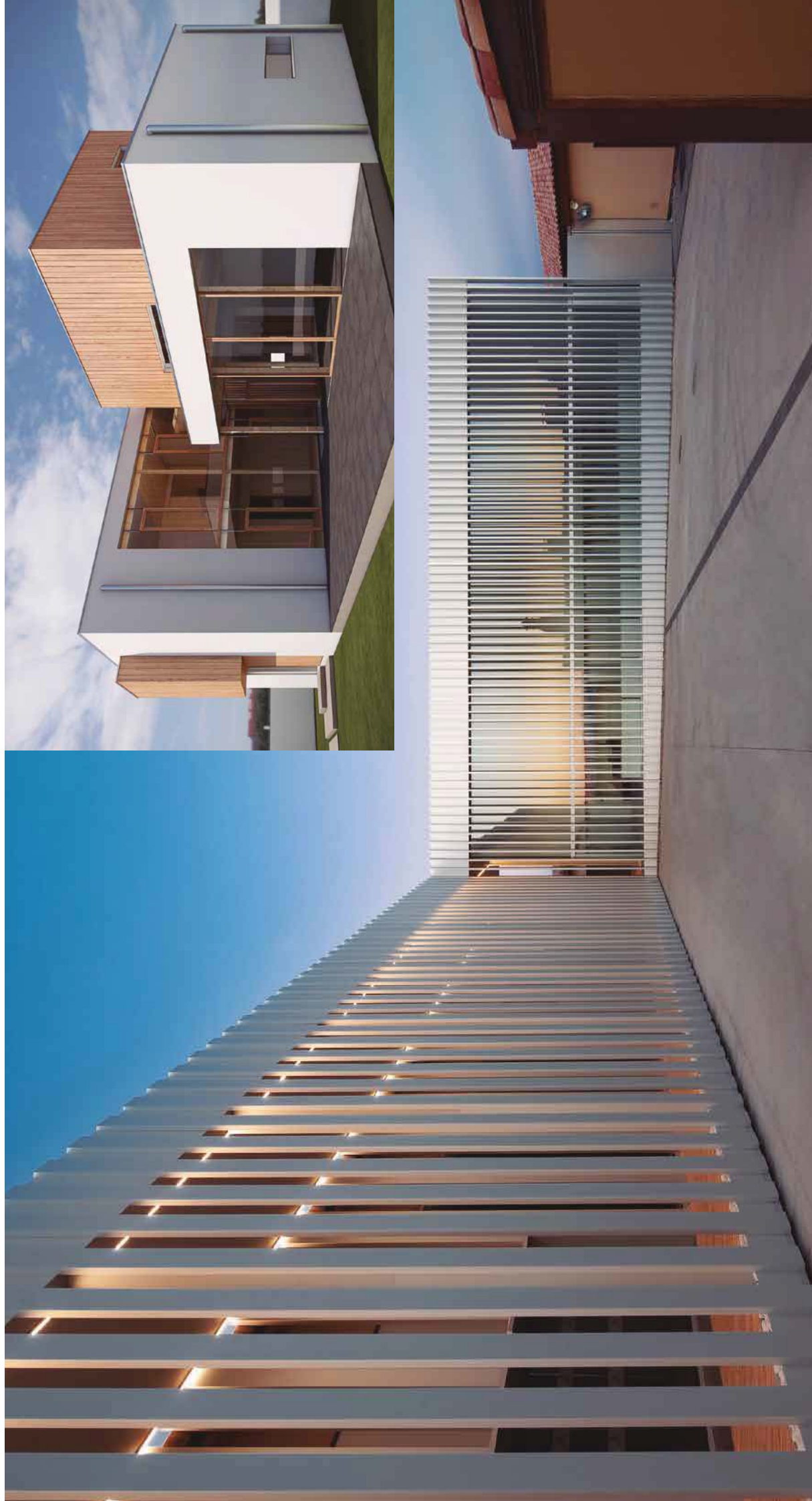




Structural sandwich panels, offer both insulation and high performance. The excellent mechanical properties and decorative finishes of the Garnica and plywood panel are combined with insulating materials such as extruded polystyrene or wood fibre; These give greater resistance, durability and sustainability than most other panels on the market.



PRODUCT	CHARACTERISTICS	APPLICATIONS				
		Caravan	Marine	Furniture	Decoration	Building
G-Brick sip	Structural insulating panel. Constructive system tested by the French technological institute, FCBA. <ul style="list-style-type: none"> Made of Duraply plywood panel with high performance XPS insulation core. Highly insulated and airtight, developed for passive projects or those requiring high energy efficiency. 					●
G-Brick deco	Decorative self-supporting panel with a wide range of finishes visible on one or both sides. <ul style="list-style-type: none"> Made of Duraply plywood panel, fireproof or standard, with high performance XPS insulation core. Designed specifically for interior solutions, enclosures and bungalows. 				●	●
G-Brick cover	Insulating cover panel with a wide range of decorative finishes. <ul style="list-style-type: none"> Made of plywood panel with insulating wood fibre or XPS core. Excellent mechanical performance and easy handling thanks to the lightness of the plywood. Durable optional panel for maximum strength and efficiency. 				●	●



UV	<p>UV Finish Varnish is a transparent, hard, protective finish or film used in wood finishing. Varnish is transparent and has no added pigment. Acrylic UV varnish is almost 100% solid, and so VOC's emissions are nearly zero.</p>
HPL	<p>High Pressure Laminate The HPL is a laminated product manufactured with cellulosic technical fibers joined with phenolic resin that, under high pressure and temperature, achieve a compact sheet of outstanding characteristics, especially emphasizing its exceptional resistance to impact and scratching. Available in thickness from 0.6 mm.</p>
MDO	<p>Medium Density Overlay MDO is used for applications as a paintable surface. Paint finishes on MDO are up to three times more durable than on ordinary plywood.</p>
PRM	<p>Prime Pre-finished product. Base/background followed by 80 microns of water-based acrylic paint.</p>
XPS	<p>Extruded Polystyrene Closed-cell extruded polystyrene foam currently made for thermal insulation and craft applications.</p>
CRK	<p>Cork Cork is a versatile material thanks to its various properties: acoustic comfort, lightness, elasticity, impermeability, caustic power, ease of handling, low water content and thermal isolation.</p>
CPL	<p>Continuous Pressure Laminate The CPL is a laminated product manufactured with cellulosic technical fibers joined with phenolic resin, which, subjected to high pressure and temperature, achieve a compact sheet that has outstanding characteristics, especially highlighting its lightness and its ease of machining. Available in thickness 0.2-0.4 mm.</p>

Finishes

Outstanding coatings to match every need

A perfect finish is, as we have already said, one of the three essentials to any Garnica product. To improve and adapt the characteristics of our products to our clients' needs we offer a wide range of finishes applicable to our panel, modified panel and specialties products.

Family		Product	UV	HPL	MDO	PRM	XPS	CRK	CPL	
Panel Family	Efficiency	Poplar	●	●	●	●	●	●	●	
	Performance	Hdf	●							
		Poplar	●	●					●	●
	Elegance	E-wood	●	●				●	●	●
		Globulus	●					●		
		Birch	●					●		
		Cherry	●							
		Walnut	●							
		Maple	●					●		
		Red oak	●					●		
	Reinforced	White oak	●							
		Globulus birch	●	●					●	●
		Globulus poplar	●	●				●	●	●
	Tradition	Globulus globulus	●	●					●	●
		Twin okoumé	●							
		Full okoumé	●	●		●				●
		Twin ilomba	●							
Flex fromager		●								
Modified Panel	Fireshield	Building	●	●					●	
		Marine	●	●					●	
		Train	●	●					●	
		Duraply	●	●				●	●	
Durable	Duraprime									
	Durapaint									
	Duraply globulus	●					●			
	Duraply birch	●								
	Duraply cherry	●								
	Duraply walnut	●								
	Duraply maple	●								
	Duraply red oak	●								
	Duraply white oak	●								
	Specialties	G-Brick	G-Brick sip	●	●	●				
G-Brick deco			●	●					●	
G-Brick cover			●							

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