



GRUPO SIERO



MADERAS SIERO

Sweet chestnut specialist





THE COMPANY

Maderas Siero, is a family business with more than 80 years of tradition in the wood sector. Its activity covers logging, sawmilling and drying of woods.

Specializing in sweet chestnut wood, it was able to make us of and enhance the quality of this raw material, largely used for years in carpentry, furniture and construction for its beauty, durability and versatility. Maderas Siero has also conducted import and trade activities with other European hardwoods.

As a company committed to the environment, Maderas Siero opts for sustainable wood and management, holding FSC and PEFC certifications in sustainable forest management and chain of custody.

Thus, sweet chestnut position is a sustainable alternative to tropical woods, owing to its natural durability for outside use, among other reasons.

SWEET CHESTNUT WOOD QUALITIES

- **Elevated natural durability** thanks to its high tannin content
- **High dimensional stability:** very stable wood which withstands humidity and temperatures changes well
- **Easy to work with:** good machining, screwing, nailing and polishing
- **Excellent finishes:** permits and enhances treatments of any type, such as staining, varnish or oil
- **Attractiveness:** its grain makes it an interesting and attractive wood with personality

PRODUCTS

SWEET CHESTNUT TIMBER



ROUGH SAWN

Thickness: 20, 25, 27, 30, 32, 40, 50, 52, 65, 70, 75, 100mm

Lengths:

Short: lengths below 2000mm

Long: lengths above 2000mm

Mixed widths

SQUARE EDGE PRE-SURFACED

Wood edged and pre-surfaced after kiln drying which guarantee a straight, square product and therefore a better yield and quality.

Thickness: 27mm (pre-surfaced at 25), 40mm (pre-surfaced at 38), 52mm (pre-surfaced at 50)

Other species: European oak, ash, maple, cherry, walnut, iroko, sipo, black acacia, beech, lime, birch, cedar

Dimensions	WIDTHS	LENGTHS
27mm long (Lengths above 2000mm)	Fixed	Mixed
27mm short (Lengths below 2000mm)	Mixed	Mixed
40 and 52mm	Mixed	Fixed
5 – 40 and 52mm	Mixed	Mixed

Quality: AB and BB

LIVE EDGE WOOD AND RECONSTITUTED LOGS

One-off pieces for exclusive designs

Species:
Sweet chestnut, ash, cypress, cedar, oak, iroko, sipo
Gruesos: 50, 70 and 100mm



SWEET CHESTNUT BEAMS AND PONTOONS

Ecological and sustainable solution for construction and refurbishment. Solid wooden beams have a CE mark (standard UNE-EN 56546).

Optional: planing and ogee finish

Properties	Characteristic values	
	Chestnut MEF	Chestnut MEF-G
Bending strength (N/mm ²)	28,1	26,8
Average elasticity modulus parallel to the fiber (N/mm ²)	12.290	10.280
Elasticity modulus parallel to the fiber (5th percentile) (N/mm ²)	9.320	8.440
Average density (Kg/m ³)	582	582
Density 5th percentile (Kg/m ³)	510	500



Bespoke manufacture, please check with us.

POSTS AND CLOSURES

Sweet chestnut posts are robust, highly durable and integrate very well into the environment. As they are not chemically treated, they can be used in places in contact with people and are an essential complement for ecological agriculture since they do not release substances that can be absorbed by plants.

Most common applications are land closures, gardens, recreation areas, hydraulic works, jetties, oyster farming and playgrounds.



Standard dimensions

Diameters: from 5 to 15 cm
Lengths: from 1.5 to 3 m

BIOMASS



AIR DRIED FIREWOOD

Firewood is prepared and selected according to its classes and by size depending on its use.

Ways of commercialization:
in bulk, pallets, big-bags, bags.



PELLETS

With the production of pellets, we achieve a circular economy that maximizes wood yield and minimizes residue.

Due to its cylindrical shape and its small size, it is easy to store, transport and measure out, allowing the manual or automatic feeding of stoves and boilers.

Made in accordance with the standard UNE-EN ISO 17225-2 CLASS A1.

Ways of commercialization:
Big-bags, bags and/or bulk.





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La marca de la
gestión forestal
responsable



FSC/PEFC certified products on request