



European Cherry

Prunus avium L. Syn.- *Cerasus avium* Moench. *Prunus cerasus* L.

Commercial names:

Spanish:	Cerezo silvestre (<i>P. avium</i>), Cerezo acedo (<i>P. cerasus</i>)
English:	European cherry, Wild cherry, Sweet cherry, Mazzard cherry (<i>P. avium</i>) Sour cherry (<i>P. cerasus</i>)
French:	Merisier, Cerisier à fruits doux, Cerisier des bois (<i>P. avium</i>), Cerisier à fruits acides, griottier (<i>P. cerasus</i>)
Italian:	Ciliegio, Ciliegio selvatico, Ciliegio montano (<i>P. avium</i>), Ciliegio agerotte, marasca (<i>P. cerasus</i>)
German:	Süsskirschbaum, Wäldkirsche, Wildkirsche (<i>P. avium</i>), Sauerkirsche (<i>P. cerasus</i>)

Common names:

Cataluña:	Cerezo silvestre, de monte, bardo, bravo, etc.; Guindo zorrero, Cirer, Cirerer bort.
Galicia:	Maroviña
Navarra:	Guereciya

Physical properties:

Density:	610-630 kg/m ³	
Shrinkage:	Moderately unstable	
Shrinkage values (ASTM):	Total	Unitary
	Volumetric:	- (-)
Tangencial:	-	(0,26-0,30)
Radial:	-	(0,16-0,18)
Hardness:	(4,3)	Semi-hard

Mechanical properties (Wood free of defects (ASTM))

Static bending:	83-110 N/mm ²
Modulus of elasticity:	9,500-11,000 N/mm ²
Compression parallel to grain:	44-55 N/mm ²
Compression perpendicular to grain:	-
Shear:	-
Toughness:	-

Origin and availability:

It is present all over Europe, including the British Islands, Eastern Asia and Northern Africa.

Forests are largely spread all over Europe, Asia and Northern Africa. There is no available information on its production and export.

Description of the wood:

Heartwood is pink pale-brown and sapwood is clearer. Sapwood is clearly differentiated. The growth rings are well differentiated. It has a shiny veined texture.

The fibre is straight. The grain is fine textured.

Drying:

Drying speed is fast.

There is a risk for malformation, reason why it is recommended to dry it slowly.

Recommended drying schedule being A from PRL.

Natural durability and ease of penetration:

The wood is classified as slightly durable or non durable against the action of fungi, and partially durable or non durable against the action of insects.

Heartwood is not penetrable.

Technological properties:

The dulling of tools is normal during sawing.

Suitable for peeling and slicing; its application, among other ones, are the manufacturing of plywood boards and veneers for decoration.

The dulling of tools is normal in mechanising. For brushing, an operation angle of 20° is advisable.

Suitable for bending.

Gluing, using nails or screws, and finishing are carried out easily.

Applications:

Furnishing and Cabinetwork: used for small dimensions. / Decorative veneers. Plywood Boards. / Screws.

Wood from the root is very appreciated for applications.