



Western Red Cedar

BOTANICAL NAMES

Thuja plicata.

It belongs to the Cupressaceae family.

TRADE NAMES

Tuia gigantesca - Italy

Thuja géant - France

Giani cedar, Canoe cedar, Shinglewood, Arbor Vitae - U.S.A.

GROWTH AREA

The tree grows in Northwest America, on the Pacific coast, from Alaska to California and also in Canada.

TECHNOLOGICAL FEATURES

The sapwood is narrow and light in color and is clearly different from the heartwood which is light brown in fresh sawn timber, but tends to darken considerably with time and exposure to air. It has no resin channels. It has excellent durability qualities despite being light and soft.

DRYING METHOD

The drying process takes place without any difficulty, as this wood does not tend to board or split.

SPECIFIC WEIGHT

At a moisture content of 15%, the specific weight of this wood is 370 Kg/mc.

MAIN USES AND WORKING

Western Red Cedar is easy to process using all the tools available in modern furniture and woodworking industries. It can be sawn, planed, and sanded to obtain surfaces suitable for finishing with any varnish. Glue and screws hold very well. This wood is ideal for interior construction and cladding, shipbuilding, furniture and fixtures, packaging. Being an extremely durable wood, it is widely used for the construction of supporting structures, frameworks, buildings, exterior cladding, and boxes.

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"Details make perfection
and perfection is not a
detail."