



Spruce

BOTANICAL NAMES

Abies Alba Mili

It belongs to the Pinaceae family.

TRADE NAMES

Sapin - France

Silver - England

Abete Bianco - Italy

Sap, Vargno, Tanna

GROWING AREA

The tree grows throughout Europe. In Italy it is easily found in Fagetum and Picetum areas, in pure formations (fir woods) or mixed with spruce.

TECHNOLOGICAL FEATURES

The wood is white, tending slightly to yellowish, with little marked grain. Compared to Norway spruce, which is much more resinous, Spruce has no resin ducts and is, therefore, less resistant to weathering. Because it is soft and light, the wood is easy prey for wood-boring insects. This can be solved by impregnating the wood with special antiseptic substances, especially if the material is to be used for outdoor structures.

SPECIFIC WEIGHT

The specific weight of freshly cut logs can vary between 700 and 800 Kg/mc.

DRYING METHOD

With the artificial drying in cells, the wood can reach a moisture content of 12%; in this case, it presents an average specific weight of 450 Kg/m³.

MAIN USES AND WORKING

Easily to process, Spruce can be easily sheared, peeled, carved, or turned. It is normally used for all interior construction. Thanks to its malleability, it is also used to create strips or blocks for the internal cores of pianos.

ZANUSOlegno

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