



Norway Spruce

BOTANICAL NAMES

Picea abies

It belongs to the Pinaceae family.

TRADE NAMES

Silver spruce, Abete di Sitha - Italy

Epicéa de Sitka - France

Norway spruce - England

GROWING AREA

Widespread throughout Europe, the tree is easily found in the area extending from the northern Pyrenees to the Scandinavian regions and Russia. In Italy, it is particularly common in the Alps.

TECHNOLOGICAL FEATURES

Sapwood and heartwood are not differentiated. Rich in resinous ducts, the wood appears whitish in color with slightly darker veins. It is soft, light, of modest resistance like the other species belonging to the coniferous group, and is difficult to impregnate with antiseptics.

DRYING METHOD

The drying process takes place without any particular difficulty.

SPECIFIC WEIGHT

At 15% humidity, the specific weight varies from 450 to 550 Kg/m³.

MAIN USES AND WORKING

Spruce is easy to process. Planed and sanded surfaces take on a silky aspect. It can be glued, stained, and painted without difficulty. Mainly used for interior work, spruce is also the most commonly used material for making soundboxes for musical instruments. For this purpose, the choice of the most suitable boards is made in relation to the width and regularity of the annual growth rings.

ZANUSOlegno

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