

# BEECH





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## FLEXIBLE AND STRONG FOR MANUFACTURING

The Beech has a considerable clear colour, almost white; it assumes the well-known rosy tone through steaming and kilning processes. With the sunlight, the colour varies till the pale-yellow.

Medullar rays are well visible on the entire surfaces of cut and they characterize the design, especially on the tangential ones, where they appear as sharp as spindles.



Conventional sawn timber is delivered in **random widths**. This means that each board has to be measured and assorted according to your cutting requirements. **Residual widths you often cannot use are left over**, especially when your production is based on only a few combination of widths. You are welcome to choose beech timber from our vast range of dimensions.



THICKNESSES	LENGTHS
26 mm / (23,8 mm)	2050 mm / 2200 mm / 2450 mm / 2750 mm
33 mm / (30,5 mm)	3100 mm / 3400 mm / 3800 mm / 4100 mm
38 mm / (36 mm)	
47 mm / (45 mm)	
52 mm / (48,5 mm)	
65 mm / (61,5 mm)	
76-80 mm (on demand)	



## Special S

**Top-quality ideal long-length applications.**  
Special S Beech Timber offers a very high yield.



## Special One Face

**Top-quality for single face applications in long lengths.** Special One Face Beech Timber presents a top face of superior category. Its one face has a very high yield, particularly in long lengths. No restrictions on the back face.



## Special CND

**Top-quality without color restrictions.** CND Beech Timber corresponds to the Superior category. High-quality wood for applications which require or accept colour. It should be used when the demand is for predominantly long lengths.





## Special Cabinet

**High-quality for a well-balanced mix in all working lengths.** Special Cabinet Beech Timber is not to be underrated: the price-performance ratio is extraordinary. When the demand is for a well-balanced mix of long and medium lengths, this is the first choice.



## Special Cabinet CND

**Timber of medium quality in short and medium working lengths.** Special Cabinet CND Beech Timber is suitable for applications that also accept knots and other wood characteristics.



# SPECIALITIES



## Special Unsteamed

**Top-quality for long-length applications with one visible face on its front side.**

Special S Beech Timber corresponds to the Superior grade. It offers a very high yield on one side, especially in long lengths. No grading applied on the back side.

# BEECH PROPERTIES

## SCIENTIFIC NAME

Fagus Sylvatica L.

## HISTOLOGICAL STRUCTURE

Grain: straight, sometimes helicoidal

Texture: fine and uniform

## CHARACTERISTIC DEFECTS

Color variations due to fungus

Internal tensions

Fake red heart

Occasionally helicoidal grain

Inclined to checks and warps

## WORKING PROPERTIES

Sawing: easy

Drying: slow, with special attention to warp

Planing: easy

Glueing: trouble free

Nailing and screwing: trouble free

Finishing: good, it can adopt almost every tone

## MAIN USES

Solid and laminated furniture

Flooring, ceiling, doors

Chipwood and plywood

Marine piling and harbour work

Musical instruments

Domestic wood ware, playthings, packages, crates and boxes

Once pitched it is used as a tie on railways.

## MECHANICAL PROPERTIES

Tensile strength: 110 kg/cm<sup>2</sup>

Compressive strength: 580 kg/cm<sup>2</sup>

## SPECIFIC WEIGHT

Green 1050 kg/m<sup>3</sup>

Dried 730 kg/ m<sup>3</sup>



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