



## Bouls Birch 50 mm

Item No. 02-000094



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## Description

The colouring of the birch is yellowish-white or reddish-white to light brown and has a slight silky sheen. The reddish-brown pith flecks set individual accents; these are visible as longer stripes on the wood. The annual rings are more or less separated from each other and form a fine, relatively even, decorative pattern tangentially on the wood.

## Trade names and other names

Abbreviation DIN EN 13556: BTXX

Botanical name: *Betula pendula*, *Betula pubescens*

German: Birch, Hängebirke, Sand Birch, White Birch, Common Birch, Common Birch, Sliced Birch

English: Sliced Birch, Sliced Silver Birch, Sliced European White Birch, Sliced Weeping Birch

French: Bouleau tranché, Bouillard tranché, Bouleau blanc tranché

Italian: *Betulla finlandese*, *Betulla bianca*

Spanish: Abedul común, Abedul de Europa, Abedul verrugoso, Abedul péndulo

Portuguese: Videiro-branco

Dutch: Europees berken, Ruwe berk

## Technical wood properties

Weight fresh/green: 800 - 900 kg/m<sup>3</sup>

Bulk density air-dry (12-15% u): 510 830 kg/m<sup>3</sup>

Tensile strength: 7.0 N/mm<sup>2</sup>

Compressive strength: 38 - 100 N/mm<sup>2</sup>

Flexural strength: 76 - 155 N/mm<sup>2</sup>

Shear strength: 12 - 14 N/mm<sup>2</sup>

Hardness according to Brinell Bll: 48 N/mm<sup>2</sup>

Hardness according to Brinell: 22 - 49 N/mm<sup>2</sup>

Differential shrinkage (radial): 0.18 - 0.24%.

Differential shrinkage (tangential): 0.26 - 0.31%.

Natural durability (DIN-EN 350-2): 5, not durable

Values of the technical properties of a wood species refer to a wood moisture content of u 12% to 15%. Data without guarantee.

## Occurrence

The birch grows throughout Central and Northern Europe and the northern part of Asia.

## Trunk and bark

In favourable locations the birch can reach 30 m and a diameter of 30 to 80 cm, but generally it is rather small in diameter. The trunk is straight and well grown and up to 10 m knot-free in the birch. The bark is milk-white and comes off in thin transverse bands. With age, the bark of the birch becomes spotty and thickly barked.

## Characteristics and wood colour

Pores scattered, small to medium sized. Annual rings only visible in cross-section. The fine medullary rays are visible as small mirrors in radial section and the vessels as fine lines in birch. The wood of the birch is light yellowish, reddish towards the pith, slightly shiny.

## Substitute woods

Maple, Aningré, Hornbeam, Limba, Beech

## Literature

-Wood Atlas | 6th edition in 2006 | Rudi Wagenführ

-Wood science volume 1-3 | 1982 | Hans Heinrich Bosshard

-Properties and core sizes of wood species | 1989 | Jürgen Sell / Lignum Switzerland

## Specifications

Category	Lumber
Product group	Unedged lumber
Thicknesses	50 mm
Weight kg/m <sup>3</sup>	650.000
Specie	Birch
Botanical name	Betulla spp.
Wood type	Hardwood
Main occurrence	Europe
Wood origin	Estonia   Latvia   Lithuania   Austria   Switzerland
Certification	not certified   FSC®100%

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Colour	light-brown
Hue	clear
Use	musical instrument   plane
Surface structure	rough-cut
Humidity	10% ± 2%
Customs tariff number	44079610
Packaging	loosely
Items on stock	yes
Date of delivery	approx. 3 - 6 working days
Postal shipping	nein

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## Documents



Prospekt Furniere & Massivholz



Holzdeklaration

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