



Bouls Maple 50 mm

Item No. 02-000015



Description

The sugar maple is America's most popular tree and is known for its syrup, or syrop as the French explorer called it. In late winter, the trees are bored so that the sap runs out. A medium-strength tree yields about 50 litres of sap per year, from which 1 kg of sugar is extracted by thickening. Sugar production is no longer as important today as it was at the turn of the century, but it is still economically important.

Trade names and other names

Abbreviation DIN EN 13556: ACSC

Botanical name: *Acer saccharum*

German: amerikanischer Ahorn, kanadischer Ahorn, Hard Maple, Bird's Eye Maple

English: rock maple, hard maple, bird's eye maple, blister maple, curly maple, canadian maple

French: érable d'amérique, érable moucheté, érable piqué

Italian: acero de zucchero, acero americano

Spanish: arce con ampollas, arce de azúcar, arce duro, arce moteado, maple duro

Portuguese: bordo-açucareiro

Dutch: n.a.

Technical wood properties

Weight fresh/green: 830 - 1040 kg/m³

Density air dry (12-15% u): 570 - 700 kg/m³

Tensile strength: n.a.

Compressive strength: 51 - 56 N/mm²

Bending strength: 100 - 110 N/mm²

Shear strength: 14 - 16 N/mm²

Hardness according to Brinell BII: n.a.

Hardness according to Brinell BØ: n.a.

Differential shrinkage (radial): 0.10 - 0.20%

Differential shrinkage (tangential): 0.22 - 0.30%

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 Ø12% to 15%. Data without guarantee.

Occurrence

Sugar maple is the most important maple species in North America and grows there in the eastern part, from Newfoundland to the Gulf of Mexico, but is absent in Florida.

Trunk and bark

The sugar maple tree reaches a height of 30 to 40 m and a diameter of up to approx. 1 m. It only occurs in association with other hardwoods. The bark of the sugar maple is light-coloured and thin.

Characteristics and wood colour

The structure is short and straight grained, the texture very fine, dense and even. The sapwood and heartwood are slightly different in the sugar maple. The sapwood is light-coloured, almost white, while the heartwood is light reddish to reddish brown.

Literature

- Wood Atlas | 6th edition in 2006 | Rudi Wagenführ
- Wood Science Volumes 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/m3	680.000
Specie	Hard Maple
Botanical name	Acer saccharum
Wood type	Hardwood
Main occurrence	North America
Wood origin	Canada USA
Certification	not certified
Colour	white
Hue	clear
Use	furniture interior Carving and turnery work
Surface structure	rough-cut

Humidity	10% ± 2%
Customs tariff number	44079310
Packaging	loosely
Items on stock	yes
Date of delivery	approx. 3 - 6 working days
Postal shipping	nein

Documents

	Prospekt Furniere & Massivholz
	Holzdeklaration