



**Bouls Swiss Aromatic Pine steamed 70 mm**

Item No. 02-000067



## Description

Swiss stone pine, also called Swiss stone pine, is a high mountain tree species and very rich in resin. The sapwood is yellowish-white, the heartwood yellowish-brown striped or figured. The annual rings of the Swiss stone pine are usually very narrow. The reddish-brown knots make this wood particularly decorative.

## Trade names and other names

DIN EN 13556 abbreviation: PNCM

Botanical name: *Pinus cembra*

German: Arve, Zirbe, Swiss stone pine

English: Cembra pine, Swiss pine, White pine

French: Pin cembre, Pin cembro, Alvies

Italian: Pino cembro, Cirmolo, Zimbro

Spanish: Pinus cembra, el Pino cembro, Pino cembra, Cembro

Portuguese: Pinus cembra

Dutch: Alpenden

## Technical wood properties

Weight fresh/green: n.a. kg/m<sup>3</sup>

Bulk density air-dry (12-15% u): 430 - 500 kg/m<sup>3</sup>

Tensile strength: 89 N/mm<sup>2</sup>

Compressive strength: 40 N/mm<sup>2</sup>

Bending strength: 68 N/mm<sup>2</sup>

Shear strength: n.a. N/mm<sup>2</sup>

Hardness according to Brinell BI: 34 N/mm<sup>2</sup>

Hardness according to Brinell: 15 N/mm<sup>2</sup>

Differential shrinkage (radial): 0.11%

Differential shrinkage (tangential): 0.23%.

Natural durability (DIN-EN 350-2): n.a.

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

## Occurrence

In Central Europe, especially in the Alps: Southern France, Switzerland, Austria and Bavaria at altitudes up to about 2000m, in the Kapathen at altitudes up to about 2400m, but also in northern Russia and Siberia.

## Tree trunk and bark

Swiss stone pine is a tree up to 20m tall with diameters up to 0.4m, rarely well grown. The bark is smooth in pine when young and grey-green, later grey-brown and somewhat warty, thick, grey-brown and cracked when old.

## Characteristics and wood colour

The numerous ingrown dark knots are characteristic of Swiss stone pine. The annual rings of Swiss stone pine are very narrow, the resin channels large and numerous. Swiss stone pine is a decorative wood. The sapwood and heartwood are sharply separated in Swiss stone pine. The sapwood is yellowish-white with a silky sheen, while the heartwood is light reddish when fresh, but quickly darkens to the shade of pine when exposed to light.

## Replacement woods

Weymouth pine, Siberian pine/pine, spruce, fir

## 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	70 mm
Weight kg/m3	480.000
Specie	Aromatic Swiss Pine steamed
Botanical name	Pinus cembra
Wood type	Softwood
Main occurrence	Europe

Wood origin	Italy   Austria   Switzerland
Certification	not certified   100% PEFC
Colour	yellow
Hue	medium colour
Use	furniture   interior   Carving and turnery work
Surface structure	rough-cut
Humidity	10% ± 2%
Customs tariff number	44071910
Packaging	loosely
Items on stock	yes
Date of delivery	approx. 3 - 6 working days
Postal shipping	nein

## Documents

	Prospekt Furniere & Massivholz
	Prospekt Altholz
	Holzdeklaration