

BauBuche Beech laminated veneer lumber

Product overview, tolerances and finishes



BauBuche

Product overview, tolerances and finishes

Product overview, tolerances and finishes 02
09-16-DE Sheet 1/3

Sheet **CONTENTS**

- 2 **2.1** Product overview
- 3 **2.2** Manufacturing tolerances, surface finish and packaging

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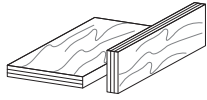
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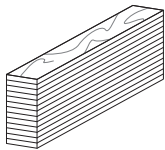
2.1 Product overview



Board BauBuche S/Q/Beam BauBuche S

Finish Unsanded or sanded (80 grit); saw cut at the edge, micro-bevelled edge possible for widths up to 1360 mm; BauBuche Q contains approx. 15% veneer cross-plyes

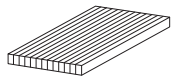
Board BauBuche S	Quality	Thickness [mm]	Width [mm]	Length [mm]	Minimum order quantity
Standard, sanded (unsanded)	non-visible ^{a)}	40, (42), 60 ^{b)} , (62) ^{b)}	1820	6000, 12000, 13500, 16000, 18000	1 pc
Variable length, standard width, sanded (unsanded)	non-visible ^{a)}	40, (42)	1820	2000–18000	6 m per cross-section
Standard length, fixed width, sanded (unsanded)	non-visible ^{a)}	40, (42)	100, 120, 160, 200, 240, 280, 320, 360, 400, 440, 480,	6000, 12000, 13500, 16000, 18000	1 pc
Variable length, fixed width, sanded (unsanded)	non-visible ^{a)}	40, (42)	520, 560, 600, >600–1820 available in various widths	2000–18000	6 m per cross-section
Board BauBuche Q ^{c)}					
Standard, sanded (unsanded)	non-visible ^{a)}	40, (42)	1820	6000, 12000, 13500	1 pc (for 6000 mm: even number of units; >13500 mm: on request from 15 m ³)
Beam BauBuche S					
		Width [mm]	Height [mm]		
Standard length, fixed height, sanded (unsanded)	non-visible ^{a)}	40, (42)	100, 120, 160, 200, 240, 280, 320, 360, 400, 440, 480,	6000, 12000, 13500, 16000, 18000	1 pc
Variable length, fixed height, sanded (unsanded)	non-visible ^{a)}	40, (42)	520, 560, 600, >600–1000 available in various heights	2000–18000	6 m per cross-section



Beam BauBuche GL70

Finish Surface and edges sanded (80 grit), micro-bevelled edge ^{d)}

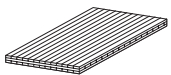
	Quality	Width [mm]	Height [mm]	Length [mm]	Minimum order quantity
Standard length, fixed height	visible		120, 160, 200, 240, 280, 320, 360, 400,	12000, 13500, 16000, 18000	1 pc (for widths <100 mm: even number of units)
Variable length, fixed height	visible	50 ^{e)} , 60 ^{e)} , 80 ^{e)} , 100, 120, 160, 200, 240, 280	440, 480, 520, 560, 600 (640, 680, 720, 760, 800, 840, 880, 920, 960, 1000, 1040, 1080, 1120, 1160, 1200, 1240, 1280, 1320, 1360) ^{f)}	2000–18000	10 m per cross-section (for widths <100 mm: even number of units and 20 m per cross-section and length)



BauBuche Panel

Finish Surface sanded (80 grit)

Panel	Quality	Thickness [mm]	Width [mm]	Length [mm]	Minimum order quantity
Standard	visible	20, 35, 45, 60	680	2250, 3000, 4000, 4500, 6000	1 pc
Standard length, fixed width	visible	20, 25, 30, 35, 40,	120, 160, 200, 240, 280, 320, 360, 400,	2250, 3000, 4000, 4500, 6000	Standard packaging units
Variable length, fixed width	visible	45, 50, 55, 60	440, 480, 520, 560, 600, 640, 680	2000–18000	on request (approx. 1–2 m ³)



BauBuche Panel X*

Finish Surface sanded (80 grit), top layers in BauBuche, centre layer: spruce ^{g)}

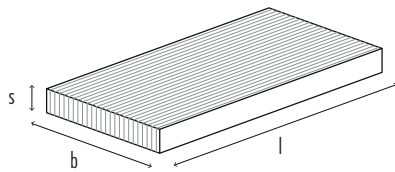
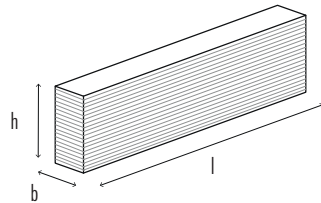
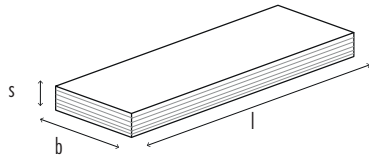
	Quality	Thickness [mm]	Width [mm]	Length [mm]	Minimum order quantity
Standard	visible	19	1250	2500, 5000	1 pc

a) Visible quality available on request b) On request; 60 and 62 mm in lengths of 12000 and 13500 mm c) Board BauBuche Q in variable lengths from 2000 mm and widths on request d) On request also available as non-bevelled units

e) Only available to max. height 680 mm f) Not yet approved for use in construction (trade name "Beam II"), beams from 100 mm width can be produced g) Subject to changes

2.2 Manufacturing tolerances, surface finish and packaging

Manufacturing tolerances



Dimensional tolerances

Boards and beams

Length tolerance	$\pm 5 \text{ mm}$
Width tolerance	$\pm 2 \text{ mm}$

Board

Thickness tolerance	$\pm 1 \text{ mm}$
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Beam

Height tolerance	$h \leq 400 \text{ mm}$	$+ 4 \text{ mm} / -2 \text{ mm}$
	$h > 400 \text{ mm}$	$+ 1\% / -0.5\%$

Panel

Length tolerance	$\pm 5 \text{ mm}$
Width tolerance	$\pm 1\%$
Thickness tolerance	$\pm 1 \text{ mm}$
Cross-section angle	max. deviation from right angle: 1.1°

Wood moisture content

approx. 7%

These tolerances refer to wood with a moisture of 7% ex works Kreuzburg. The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account.

Finish

Sanded, 80 grit

Boards and beams BauBuche S are also available as unsanded units.

Packaging

Packs are foil-wrapped and secured with straps to pallet.

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