



Pollmeier

C O M P O N E N T S

**Cut-to-size booklet
Solid Beech**



Image by babylodge.it



Beech is the ideal hardwood for furniture and a variety of other solid wood products. It is the hardwood species with the largest untouched reserves worldwide - from sustainable, near-natural forestry in conformity with the EU Timber Regulation, the Lacey Act and other international standards. This ensures permanent good availability and price stability.

The bright wood is excellent to work with and the closed-pore structure gives a high surface quality. It can be stained and varnished very well and offers a variety of design options from a light natural colour to a dark elegant look with many choices in between. This makes beech the ideal hardwood for countless solid wood products: from furniture, stairs, kitchens and mouldings to floors, interior fittings and toys. One type of wood with over 1000 possibilities!

Solid wood processing though always means a lot of cutting and sorting to get exactly those parts of the board that are needed. Avoid this effort that involves waste, loss of yield and time, and only start your production process where appreciable added value can be achieved: In your core production with Pollmeier COMPONENTS // Solid Beech.

We support you in converting your production from other types of hardwood to European beech. Together we will find the ideal cut to size quality that enables your production to manufacture at the lowest possible unit costs.



2 precise defined sorts: AAA, CCC



Increased added value -
time and cost savings



Quality hardwood look with 100%
tangential cut



Controlled colour due
to light steaming process



Dried and conditioned
to 7-9% wood moisture



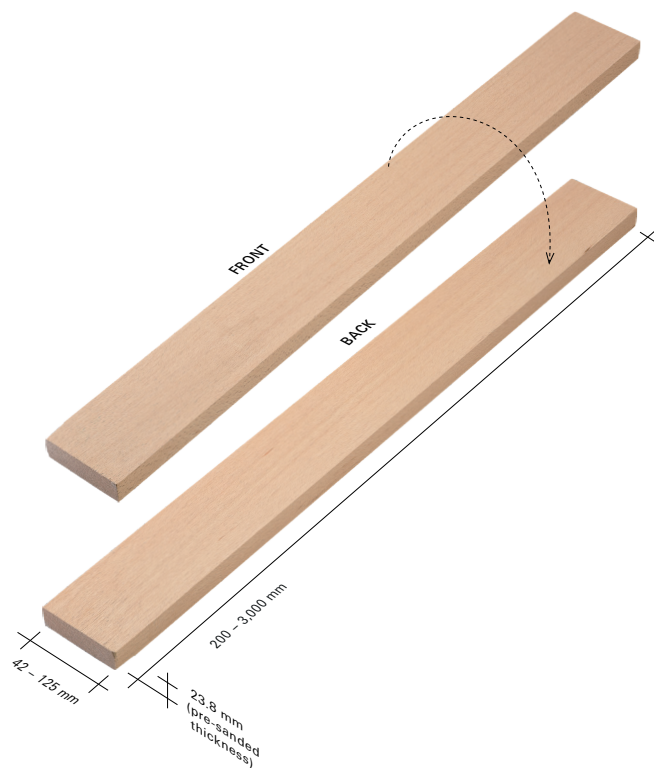
Thickness calibrated by
pre-sanding to 23.8 mm



COMPONENTS // Solid Beech
4 sides clear | AAA

COMPONENTS

- _ Almost flawless appearance
- _ Suitable for all applications in natural colour, i.e. mouldings, kitchen door stile+rail, furniture and frame parts, edge-glued panels, chairs



Front



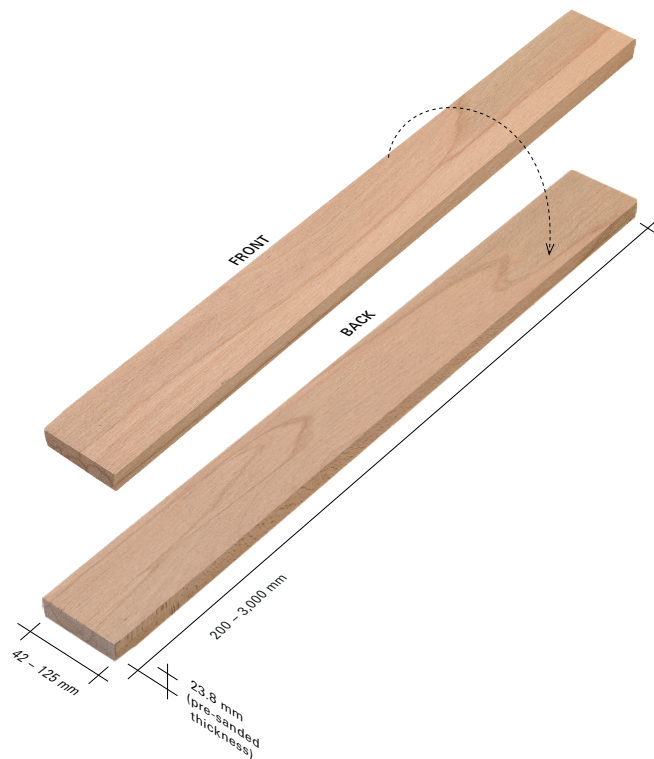
Back



COMPONENTS // Solid Beech
4 sides clear - colour no defect | CCC

COMPONENTS

- _ Almost flawless appearance, colour not determined as a defect
- _ Colour variations permissible on all sides, i.e. red heart, blue stain, mineral spots
- _ Suitable for all stain and paint applications, dowels, dowel rods, sticks, brushes, etc.



Front



Back



Quality	Appearance	Characteristics	Applications
4 sides clear AAA	Almost flawless appearance		Suitable for all visible furniture applications, i.e. mouldings, stile+rail, furniture and frame parts, slatted frames, edge-glued panels, partitions, drawers
4 sides clear colour no defect CCC	Almost flawless appearance, colour not determined as a defect	Colour variations permissible, i.e. red heart, blue stain, mineral spots	Suitable for all stain and paint applications, dowels, dowel rods, sticks, brushes etc.

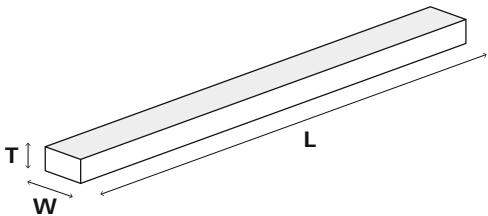
Overview - Dimensions

Material	Thicknesses (invoiced thickness)	Widths	Lengths
COMPONENTS // Solid Beech (All qualities)	23.8 mm (26 mm)	42 mm, 52 mm, 56 mm, 62 mm, 68 mm, 75 mm, 80 mm, 100 mm, 125 mm	200 - 3,000 mm
Tolerance ^{a)}	+/- 0.3 mm calibration tolerance ^{b)}	+/- 0.5 mm	+/- 1 mm/lm

a) Tolerances refer to a moisture content of 7-9% (solid beech timber).
The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account.

b) The standard product limits occasional hit-and-miss spots to about 1 mm in thickness.
Special sorting with a hit-and-miss limit of 0.5 mm in thickness available at request.

Subject to changes.

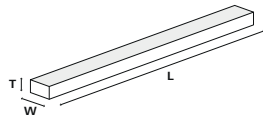


Notes

Overview – COMPONENTS // Solid Beech standard dimensions

COMPONENTS

width \ length	42 mm		52 mm		56 mm		62 mm		68 mm		75 mm		80 mm		100 mm		125 mm	
	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]	Pcs.	Vol. [m³]
3,000 mm	1000	3.4	840	3.4	800	3.5	720	3.5	640	3.4	600	3.5	560	3.5	440	3.4	320	-
2,750 mm		3.1		3.1		3.2		3.2		3.1		3.2		3.2		3.1		2.9
2,700 mm		3.0		3.0		3.0		3.1		2.9		3.0		3.0		3.0		2.7
2,600 mm		2.8		2.8		2.9		3.0		2.8		2.9		2.9		2.9		2.6
2,500 mm		2.7		2.7		2.8		2.9		2.7		2.8		2.8		2.7		2.5
2,400 mm		2.6		2.6		2.7		2.8		2.6		2.7		2.7		2.6		2.4
2,300 mm		2.6		2.6		2.6		2.7		2.5		2.6		2.6		2.6		2.3
2,250 mm		2.6		2.6		2.6		2.6		2.5		2.6		2.6		2.6		2.3
2,200 mm		2.5		2.5		2.6		2.6		2.5		2.6		2.6		2.5		2.3
2,100 mm		2.4		2.4		2.4		2.4		2.4		2.5		2.4		2.4		2.2
2,050 mm	1040	2.3	840	2.3	800	2.4	720	2.4	640	2.3	600	2.4	560	2.4	440	2.3	320	2.1
2,000 mm		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.3		2.1
1,900 mm		2.2		2.2		2.2		2.2		2.1		2.2		2.2		2.2		2.0
1,800 mm		2.0		2.0		2.1		2.1		2.0		2.1		2.1		2.1		1.9
1,700 mm		1.9		1.9		2.0		2.0		1.9		2.0		2.0		1.9		1.8
1,600 mm		1.8		1.8		1.9		1.9		1.8		1.9		1.9		1.8		1.7
1,500 mm		1.7		1.7		1.7		1.7		1.7		1.8		1.7		1.7		1.6
1,400 mm		1.6		1.6		1.6		1.6		1.6		1.6		1.6		1.6		1.5
1,300 mm		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.5		1.4
1,200 mm		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.4		1.2
1,100mm	1040	1.2	840	1.2	800	1.3	720	1.3	640	1.2	600	1.3	560	1.3	440	1.3	320	1.1
1,000 mm		1.1		1.1		1.2		1.2		1.1		1.2		1.2		1.1		1.0
950 mm		1.1		1.1		1.1		1.1		1.1		1.1		1.1		1.1		1.0
900 mm		1.0		1.0		1.0		1.0		1.0		1.1		1.0		1.0		0.9
850mm		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		0.9
800 mm		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.8
750 mm		0.9		0.9		0.9		0.9		0.8		0.9		0.9		0.9		0.8
700 mm		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.7
650 mm		0.7		0.7		0.8		0.8		0.7		0.8		0.8		0.7		0.7
600 mm		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.7		0.6
550 mm	2080	1.2	1680	1.2	1600	1.3	1440	1.3	1280	1.2	1200	1.3	1120	1.3	880	1.3	640	1.1
500 mm		1.1		1.1		1.2		1.2		1.1		1.2		1.2		1.1		1.0
450 mm		1.0		1.0		1.0		1.0		1.0		1.1		1.0		1.0		0.9
400 mm		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.9		0.8
350 mm		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.8		0.7
300 mm	3120	1.1	2520	1.0	2400	1.0	2160	1.0	1920	1.0	1800	1.1	1680	1.0	1320	1.0	960	0.9
250 mm		0.9		0.9		0.9		0.9		0.8		0.9		0.9		0.9		0.8
200 mm	4160	0.9	3360	0.9	3200	0.9	2880	0.9	2560	0.9	2400	0.9	2240	0.9	1760	0.9	1280	0.8



Solid Beech: Lightly steamed | Calibrated thickness | Homogeneous dried to 7-9% KD | Cut-to-size after kiln drying
Tolerances: Thickness: ±0.3 mm calibration tolerance | Width: ±0.5 mm | Length: ±1 mm per 1m
Thickness: 23.8 mm (Invoiced thickness: 26 mm)

The standard product limits hit-and-miss to about 1mm in thickness. A special sorting with hit-and-miss limit of 0.5 mm in thickness is available at request.

Pollmeier COMPONENTS // Solid Beech

Please contact us. We look forward to advising you.

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Our products are certified according to PEFC.
PEFC/04-31-0545

