Pollmeier

COMPONENTS

Cut-to-size solid beech to reduce material cost

Pollmeier COMPONENTS // Solid Beech
The lowest cost option to use beech hardwood

COMPONENTS

PEFC™
PEFC/04-31-0545

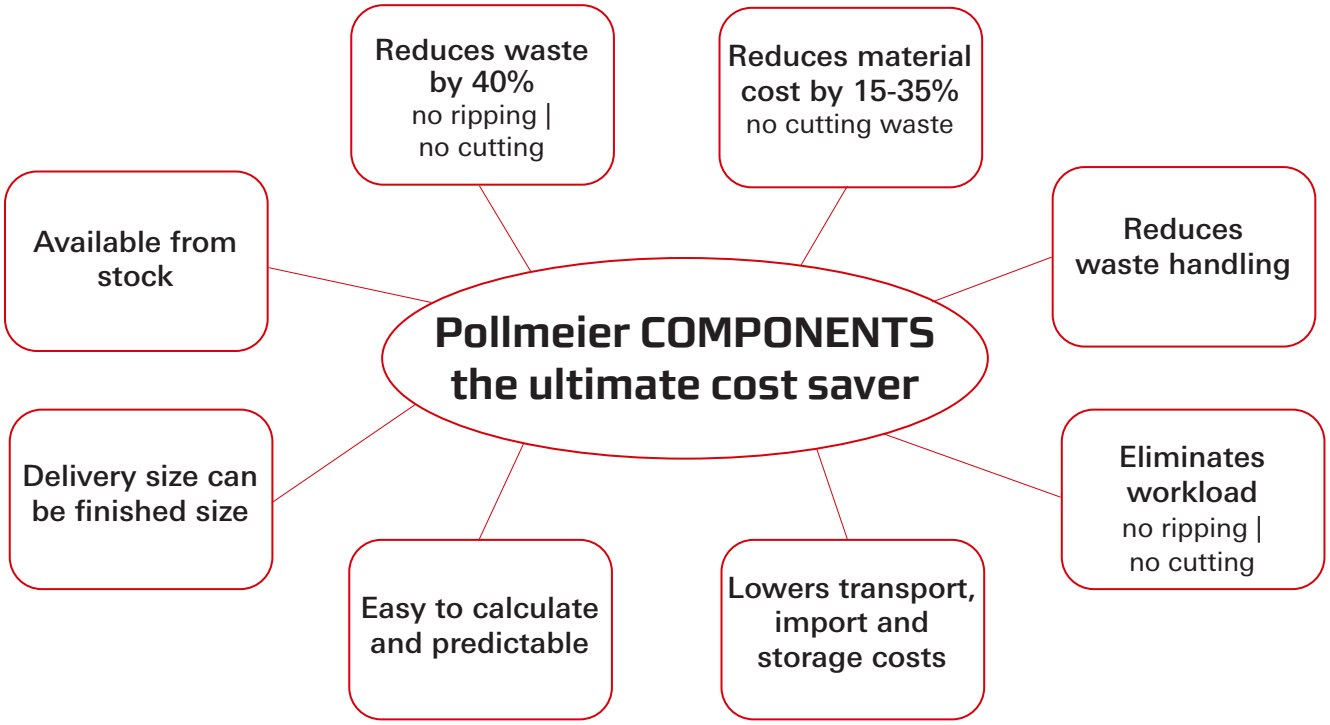
POLLMEIER MISSION

Hardwood is great for furniture and other wooden products, but also a significant cost factor in their production. Most industries and their suppliers – e.g. for steel / aluminum profiles, screws, etc. - have developed standards to reduce cost for the customer including planning, calculation and warehousing costs.

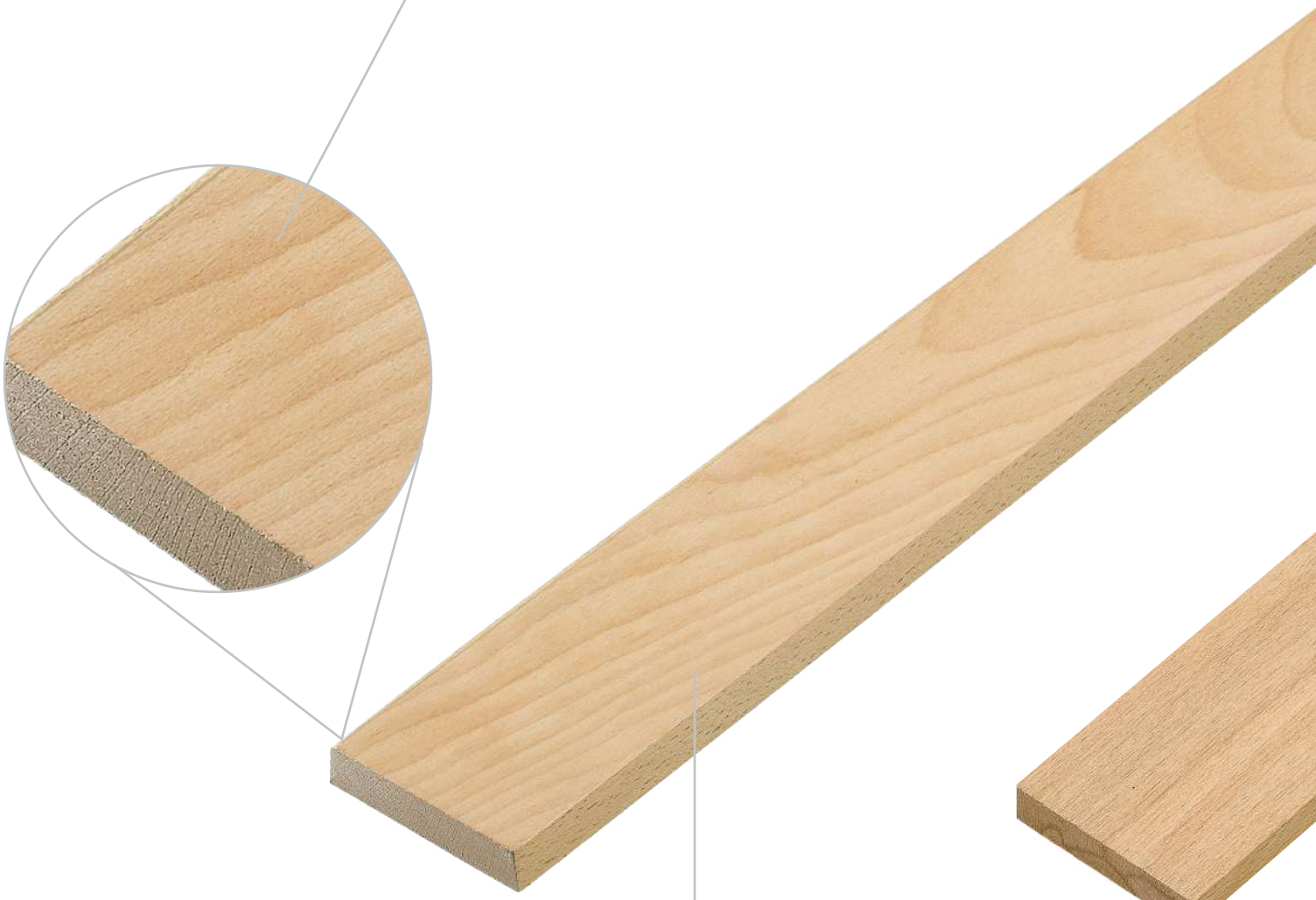
We at Pollmeier have understood and follow the same path. With Pollmeier COMPONENTS we enable consumers to buy **sustainable**, **high quality** hardwood at **affordable** prices.

Many customer case studies have clearly demonstrated that COMPONENTS is almost always the most cost effective option. Contact us so that we can calculate your cost savings together: **components@pollmeier.com**

COST SAVING DUE TO STANDARD CUT-TO-SIZE DIMENSIONS



Precise dimensions: calibrated in thickness to 23.8 mm and always cut after drying



Sorting AAA

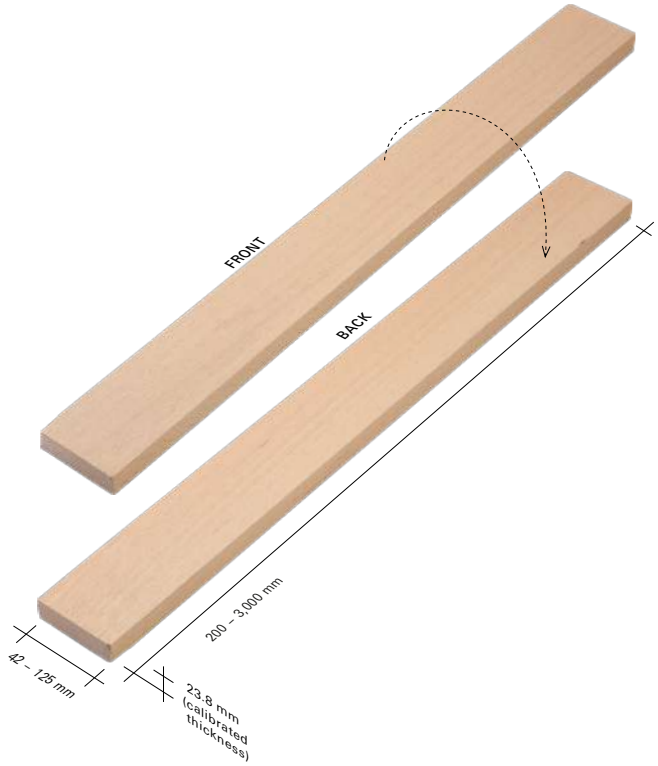
Sorting CCC

Lightly steamed to attain even and consistent colour


Tangentially cut with an attractive year ring structure
Pre-sanded surfaces
Kiln-dried and conditioned to 7-9% moisture content

Min. 90% of the COMPONENTS are clean, pin knots not determined as a defect.
Max. 10% of the lamellas can have natural attributes*.

*For further details please see page 8.



Front

Back

Photos of samples for the visualisation of sorting requirements. Print and photo-related colour deviations (from the original) possible.

Min. 90% of the COMPONENTS are clean, colour and pin knots not determined as a defect.
Colour variations permissible on all sides, i.e. red heart, blue stain, mineral.
Max. 10% of the lamellas can have additional natural attributes*.

*For further details please see page 8.

Front

Back

Photos of samples for the visualisation of sorting requirements. Print and photo-related colour deviations (from the original) possible.

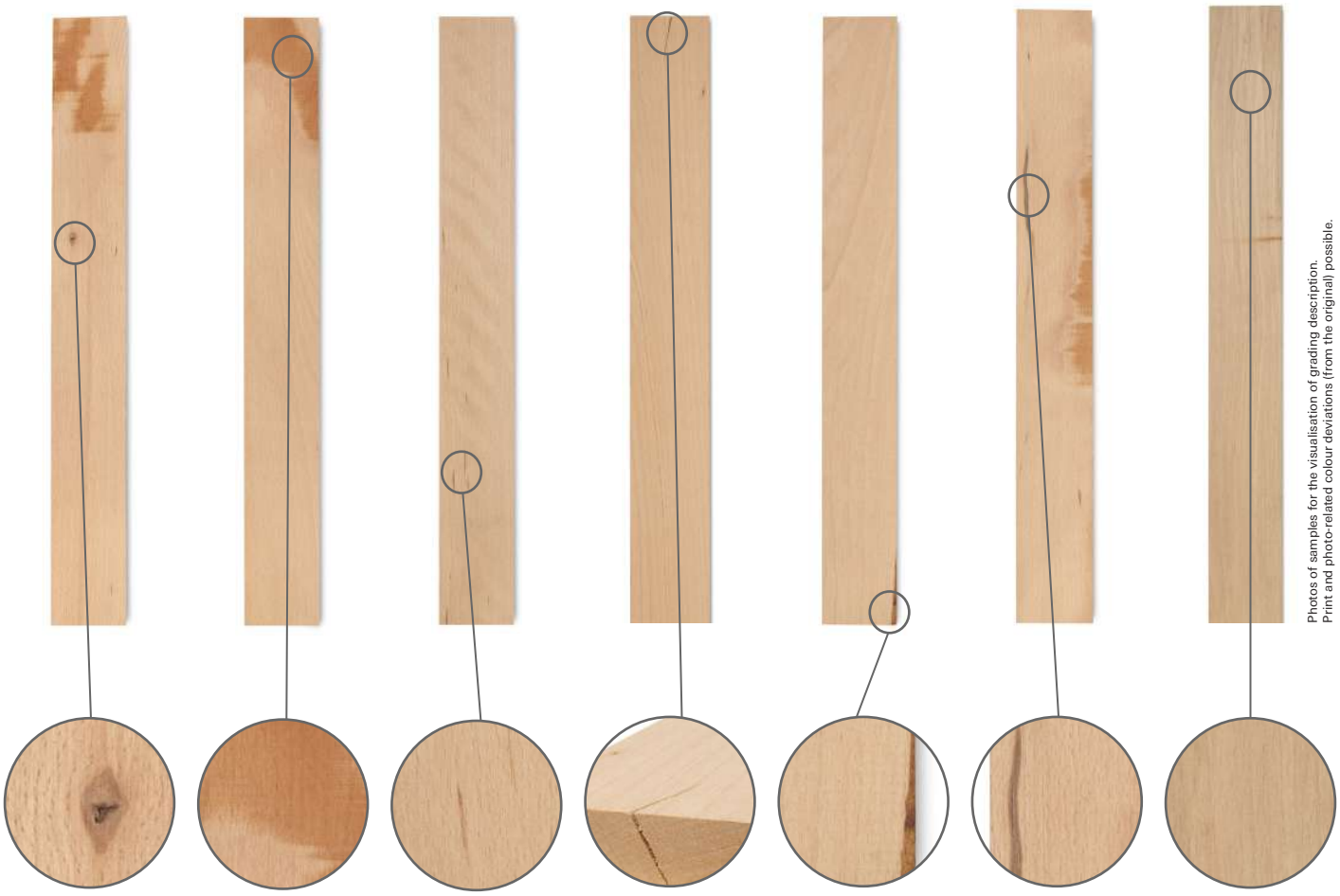
COMPONENTS with natural attributes

Although we meet the quality standards expected by most of our customers worldwide, it is important to note that our product, being natural, may show attributes such as small knots and minor variations in colour as to maintain its natural appearance. We do allow these attributes intentionally.

For those customers who prefer fewer natural features, they may find it necessary to do additional trimming to achieve their desired aesthetic. If trimming is necesssary, it is helpful to have a use for shorter pieces with the same thickness and width dimensions.

Todays scanning technology is good, but not perfect. Therefore, over- and underdetection is possible. The following examples of natural attributes may be bigger than in our quality description.

Sorting AAA & CCC max. 10% with possible natural attributes



Photos of samples for the visualisation of grading description.
Print and photo-related colour deviations (from the original) possible.

small knots | hit-and-miss >1 mm | mineral streaks | cracks | splits end splits* | wane | colour in AAA | blue stain

Even with the occurance of natural attributes, we at Pollmeier guarantee 90 % of the pieces will be usable without any rework.

*End splits are difficult to recognise with current detection systems, therefore occassionally lamellas may contain end splits.

General advice on the use of CTS

Especially when designing new furniture models it is important to have a look what standard sizes are available and work with the new standards as efficient as possible to reduce waste and limit inventory.
Smart use of the new standard dimensions leads to significant cost savings during the lifetime of the new furniture model.

In addition, the use of CTS brings advantages in processing. Surface milling is no longer necessary. Rounding off the edges with a simple table router and sanding the surfaces is perfectly sufficient. This saves additional processing steps and avoids material loss.

Using COMPONENTS is the easiest way to reduce material cost and save money.

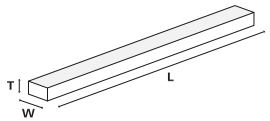
Notes

COMPONENTS // Solid Beech standard dimensions on stock

width / length	42 mm		45 mm		54 mm		68 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]
3,000 mm	1,000	3.4	960	3.4	800	3.3	640	3.4	560	3.5	440	3.4	320	3.1*
2,750 mm		3.1		3.1		3.1		3.1		3.2		3.1		2.9
2,400 mm		2.6		2.7		2.7		2.6		2.7		2.6		2.4
2,250 mm		2.6		2.5		2.5		2.5		2.6		2.6		2.3
2,200 mm		2.5		2.5		2.5		2.5		2.6		2.5		2.3
2,100 mm		2.4		2.4		2.4		2.4		2.4		2.4		2.2
2,000 mm		2.3		2.3		2.3		2.3		2.3		2.3		2.1
1,900 mm	1,040	2.2	960	2.1	800	2.1	640	2.1	560	2.2	440	2.2	320	2.0
1,800 mm		2.0		2.0		2.0		2.0		2.1		2.1		1.9
1,600 mm		1.8		1.8		1.8		1.8		1.9		1.8		1.7
1,500 mm		1.7		1.7		1.7		1.7		1.7		1.7		1.6
1,400 mm		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		1.4
1,200 mm		1.4		1.4		1.4		1.4		1.4		1.4		1.2
1,000 mm		1.1	1,000	1.2		1.1		1.1		1.2		1.1		1.0
900 mm	1,040	1.0		1.1	800	1.0	640	1.0	560	1.0	540	1.0	320	0.9
800 mm		0.9		0.9		0.9		0.9		0.9		0.9		0.8
750 mm		0.9		0.9		0.8		0.8		0.9		0.9		0.8
700 mm		0.8		0.8		0.8		0.8		0.8		0.8		0.7
650 mm		0.7		0.8		0.7		0.7		0.8		0.7		0.7
600 mm		0.7		0.7		0.7		0.7		0.7		0.7		0.6
550 mm	2,080	1.2		0.6	1,600	1.2	1,280	1.2	1120	1.3	880	1.3	640	1.1
500 mm		1.1		0.6		1.1		1.1		1.2		1.1		1.0
450 mm		1.0		0.5		1.0		1.0		1.0		1.0		0.9
400 mm		0.9	2,000	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		0.7
300 mm	3,120	1.1	3,000	1.1	2,400	1.0	1,920	1.0	1,680	1.0	1,320	1.0	960	0.9
250 mm		0.9		0.9		0.8		0.8		0.9		0.9		0.8
200 mm	4,160	0.9	4,000	0.9	3,200	0.9	2,560	0.9	2,240	0.9	1,760	0.9	1,280	0.8

* Available in grading CCC.

Customised lengths are available upon request for orders of 18m³ volume or more per dimension.



Solid Beech: Lightly steamed | Homogeneous dried to 7-9% KD | Calibrated thickness | Cut-to-size after kiln drying

Tolerances: Thickness: ±0.3 mm calibration tolarance | Width: ±0.5 mm | Length: ±1 mm per 1 linear metre
Tolerances refer to a moisture content of 7-9% (solid beech lumber). The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account.

Thickness: 23.8 mm (Invoiced thickness: 26 mm)

For the most updated availabilities, please check our website here:

www.pollmeier.com | sales@pollmeier.com | +49 36926 945 163

The production site in Aschaffenburg is Europe's largest solid wood cutting plant.

To place your test order or to request your free samples, please contact us.
We are happy to support you in reducing your material costs.

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

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