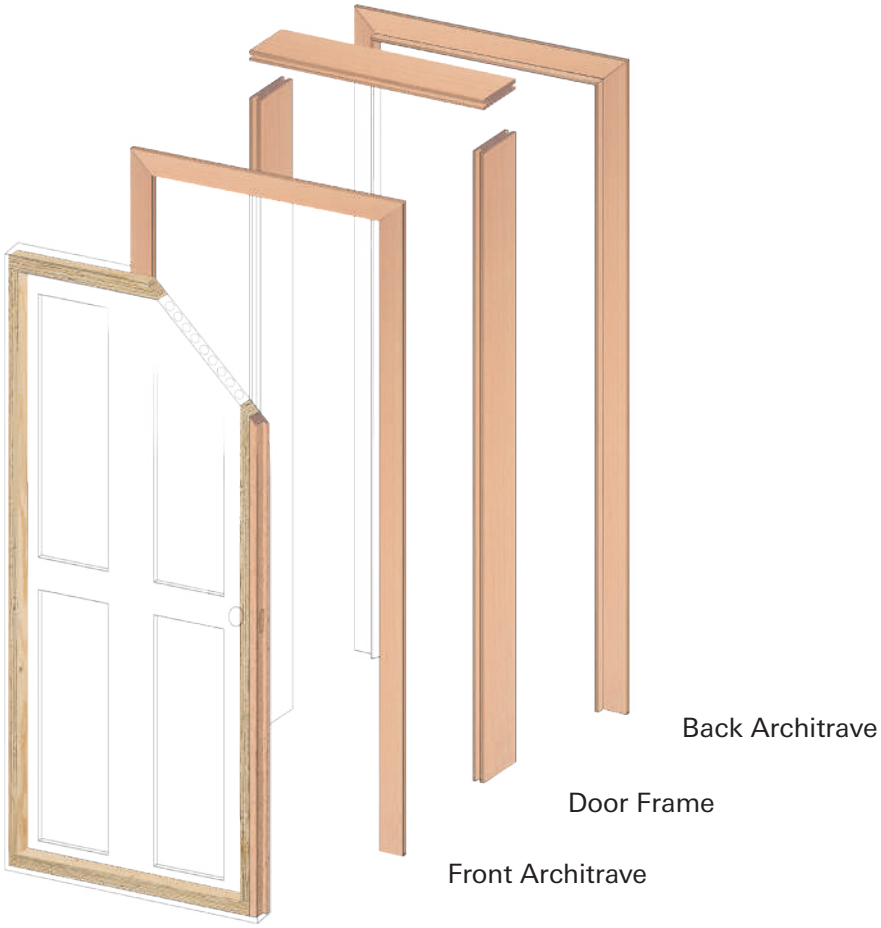
Pollmeier

DOOR COMPONENTS

Save Costs and Improve Quality



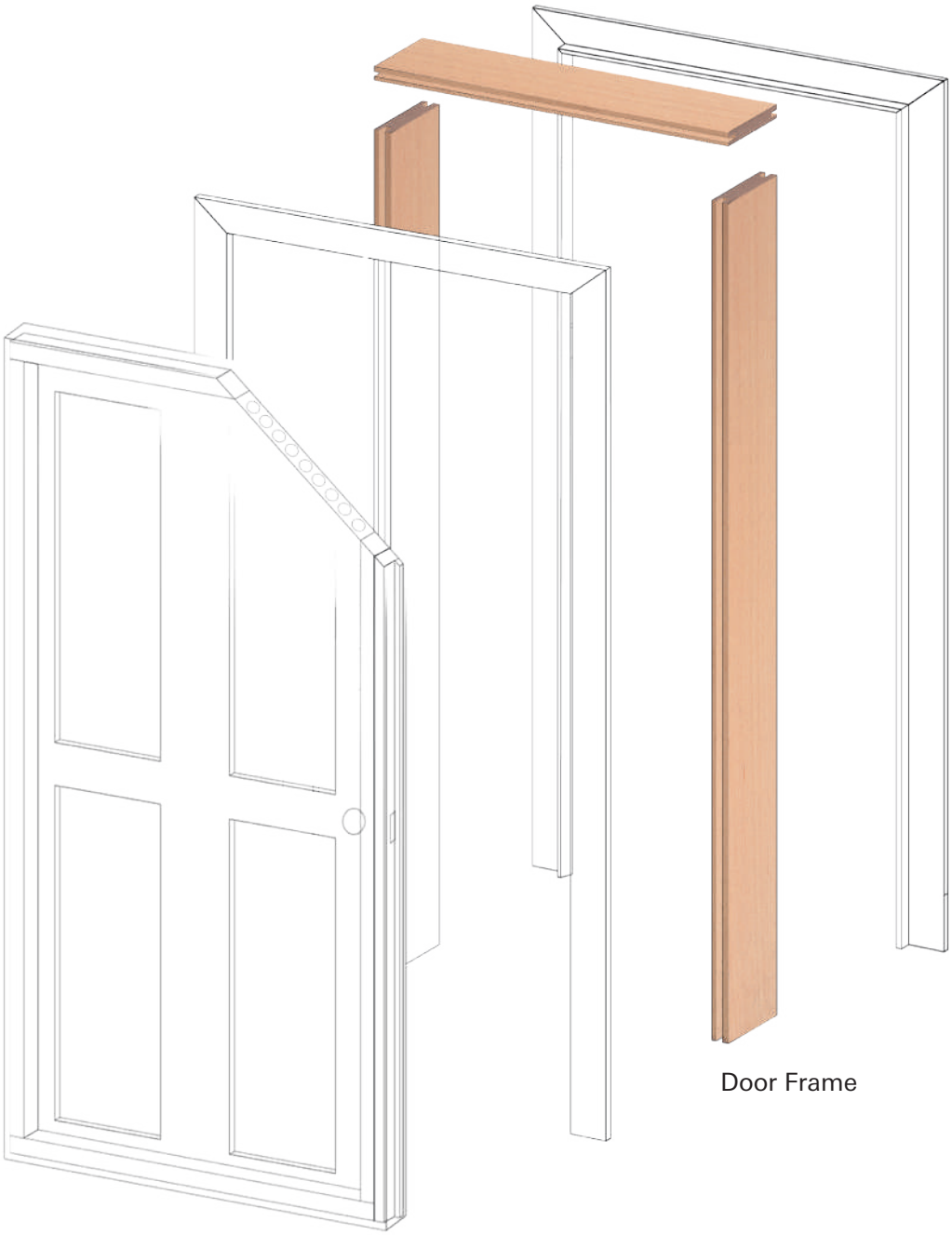
Door COMPONENTS from Pollmeier

Doors are more than just a functional element of our daily surroundings; they meet numerous complex requirements in terms of safety, stability, and aesthetics. Therefore, doors and corresponding components rely heavily on the highest material demands. This is where Pollmeier comes in: we offer a wide-ranging portfolio of products specifically tailored to the needs of the door industry. From fire ratings and dimensional stability to bending strength – our solutions meet the diverse and demanding requirements of this sector.

However, the added value of our products does not stop at quality and performance. Pollmeier understands that efficient cost control is crucial for the success of our customers. By using our high-quality wood products, door manufacturers can not only enhance the quality and functionality of their products but also save significantly on production and material procurement costs.

Discover in this brochure how you can raise the quality and performance of your door production to the next level with Pollmeier as your solution-oriented partner.

Pollmeier Custom-fit Solution
Door Frame



Door Frame

Pollmeier Custom-fit Solution

Door Frame

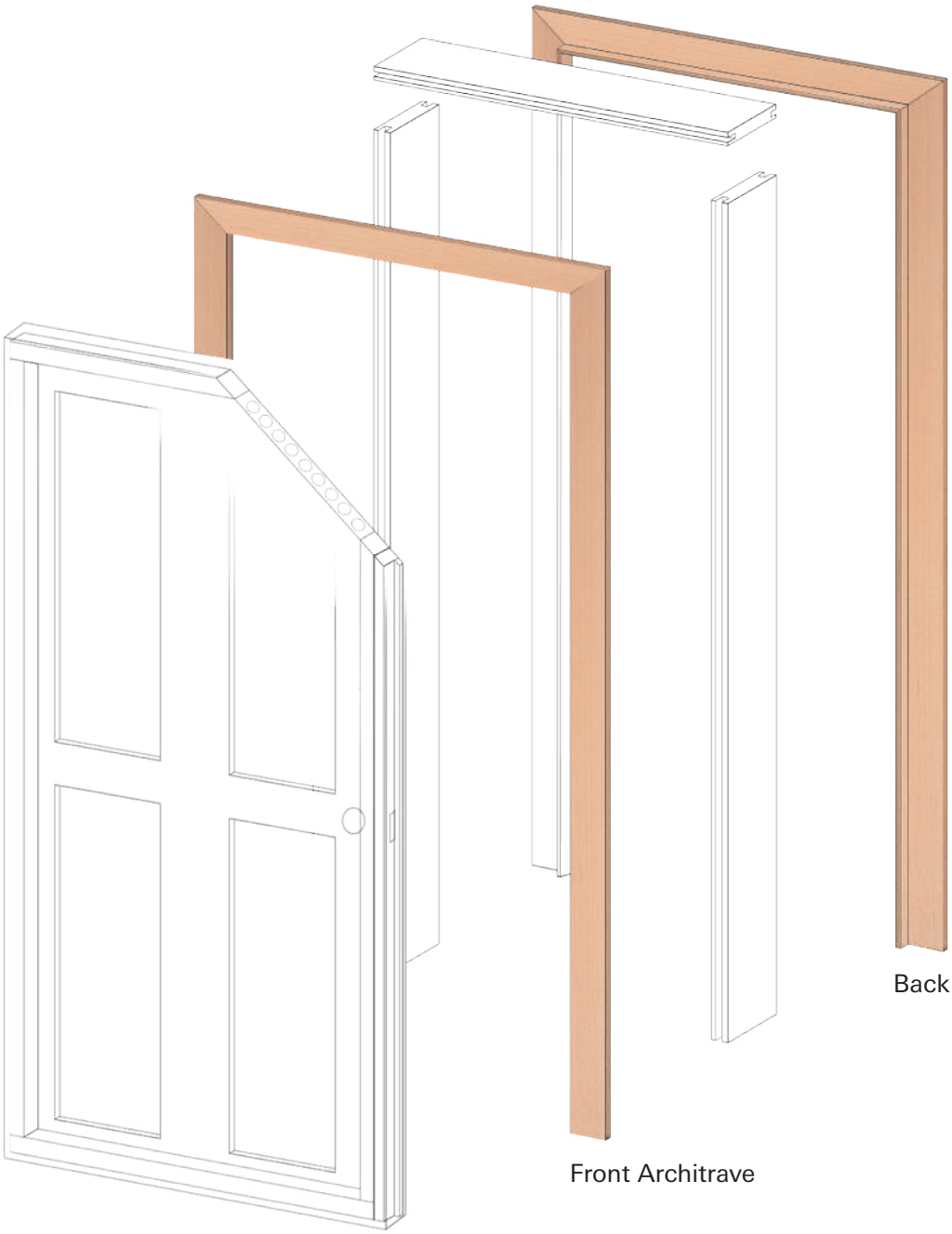
Property of the Final Product	C-Lam	E-Lam*	RTW-DF
Material	solid beech wood 2-layer laminated	beech LVL	solid beech wood
Thickness [mm]	52 (planed to 44)	45 (sanded 44) 42 (sanded 40)	52 (pre-sanded 48.5) 38 (pre-sanded 36)
Widths [mm]	80, 100, 125, 150	100 - 300	SUD: 100, 125, 150 SCD/ COD: 100, 125, 150, 175
Lengths [mm]	900, 1000, 2200, 2300, 2400**	2000, 2200, 2300, 2400, 2500, 2700, 3000	2450, 3050, 3350
Tolerances	Thickness: ± 0.5 mm Width: -0 / +1 mm Length: ± 2 per meter	Thickness: ± 1 mm (unsanded) ± 0.5 (sanded) Widths: ± 1 mm Length: ± 1 mm	Thickness: ± 0.3 mm Width: -0 / +0.5 mm
Quality Feature***	3-sided visible quality	non-visible quality	3-sided visible quality
Foiling / Wrapping	suitable	suitable	suitable
Painting / Staining	suitable	suitable small surface defects possible	suitable
Suitability for Fire Doors	suitable (approval may be required)	suitable tested for 60 minutes (approval may be required)	suitable tested for 30 minutes
Moisture Content	7-9%	6-8%	7-9%
Density	720 kg/m3	820 kg/m3	720 kg/m3

* other Thicknesses / Widths / Lengths on request

** other Lengths available on request

*** quality description: C-Lam page 18 / E-Lam page 22 / RTW-DF page 12

Pollmeier Custom-fit Solution
Architrave



Pollmeier Custom-fit Solution

Architrave

Property of the Final Product	COMPONENTS	Ripped-To-Width
Material	solid beech wood	solid beech wood
Thickness [mm]	26 (23.8)	26 (23.8), 32 (29.5) 38 (36.0), 52 (48.5)
Widths [mm]	42, 45, 54, 68, 80, 100, 125	42, 49, 54, 68, 80, 100, 125
Lengths [mm]	800, 900, 1000, 1200 ,2000, 2100, 2200, 2250, 2400, 2750, 3000 *	2450, 3050, 3350
Tolerances	Thickness: ±0.3 mm Width: ± 0.5 mm Length: ± 1 mm per meter	Thickness: ± 0.3 mm Width: ± 0.5 mm Length: Standard lengths (1-2 cm oversize)
Quality Feature**	4-sided visible quality	3-sided visible quality
Foiling / Wrapping	suitable	suitable
Painting / Staining	suitable	suitable
Moisture Content	7-9%	7-9%
Density	720 kg/m3	720 kg/m3

*COMPONENTS: further Lengths available

**quality description: CTS page 24 / RTW page 12

Pollmeier Custom-fit Solution
Stile

Stile

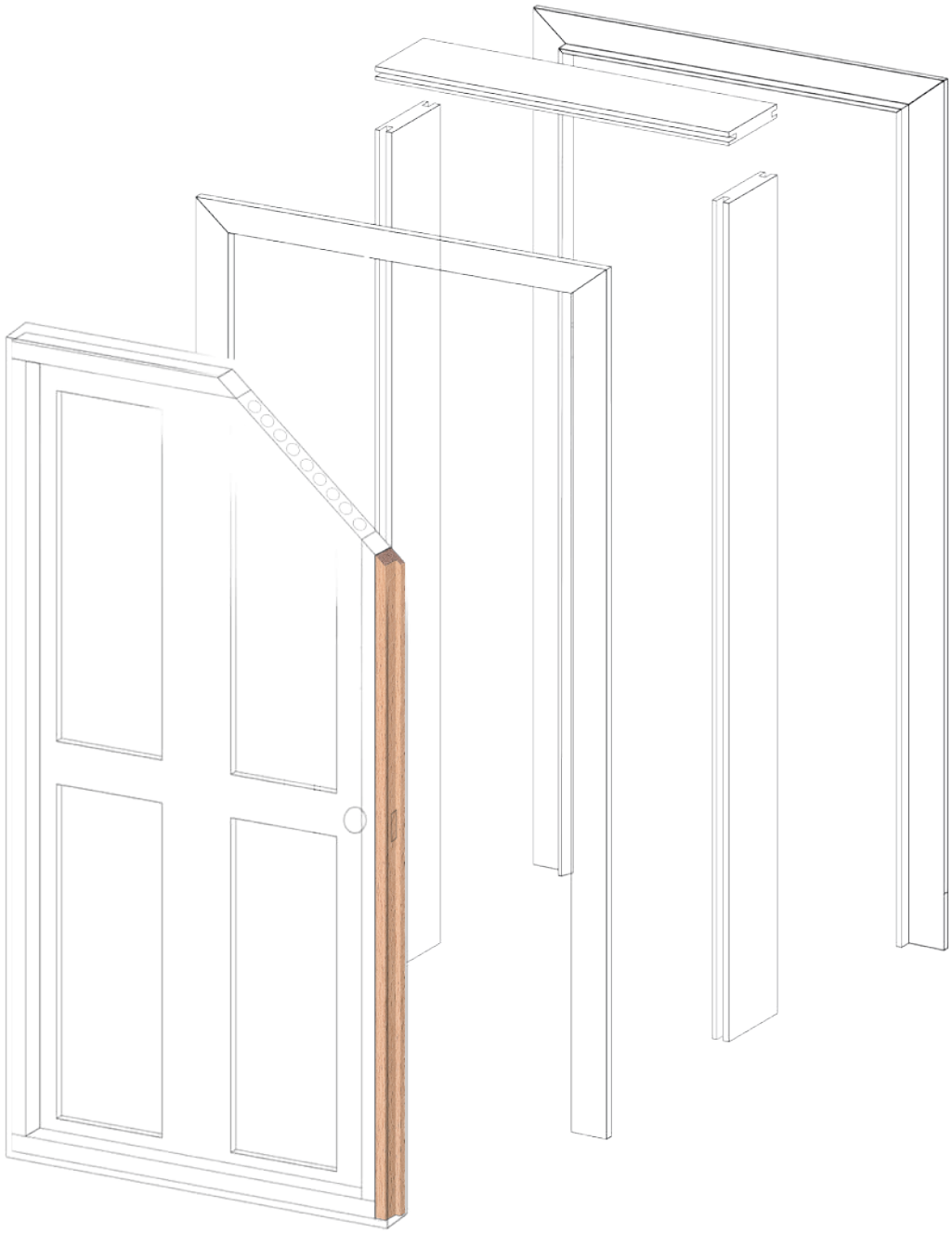
Pollmeier Custom-fit Solution

Stile

Property of the Final Product	CTS-LVL Spruce	CTS-LVL Beech	COMPONENTS
Material	spruce LVL	beech LVL	solid beech wood
Thickness [mm]	24, 27, 30, 36, 39, 42, 45, 51, 63, 75	33, 42, 51, 63 **	26 (23.8)
Widths [mm]	15 - 230	15 - 230	42, 45, 54, 68, 80, 100, 125
Lengths [mm]	700 - 6000	700 - 6000	1800, 1900, 2000, 2100, 2200, 2250, 2400, 2750, 3000 *
Tolerances	**Thickness:** unsanded: -2/ + 0.3 mm 1 mm sanded:- 1/ +0.3 mm 2 mm sanded: ± 0.3 mm **Width:** ± 0.3 mm **Length:** ± 1 mm	**Thickness:** unsanded:-2/ + 0.3 mm 1 mm sanded: -1/ +0.3 mm 2 mm sanded: ± 0.3 mm **Width:** ± 0.3 mm **Length:** ± 1 mm	**Thickness:** ± 0.3 mm **Width:** ± 0.5 mm **Length:** ± 1 mm per meter
Suitability for Fire Doors	suitable for 30 minutes	suitable tested for 60 minutes (approval may be required)	suitable for 30 minutes
Moisture Content	7-9%	6-8%	7-9%
Density	540 kg/m3	820 kg/m3	720 kg/m3

* COMPONENTS: further Lengths available

** other Thicknesses on request



Lipping

Pollmeier Custom-fit Solution

Lipping

Property of the Final Product	COMPONENTS	Ripped-To-Width
Material	solid beech wood	solid beech wood
Thickness [mm]	26 (23.8)	26 (23.8), 32 (29.5) 38 (36.0), 52 (48.5)
Widths [mm]	42, 45, 54, 68, 80, 100, 125	42, 49, 54, 68, 80, 100, 125
Lengths [mm]	800, 900, 1000, 1200 ,2000, 2100, 2200, 2250, 2400, 2750, 3000 *	2450, 3050, 3350
Tolerances	Thickness: ± 0.3 mm Width: ± 0.5 mm Length: ± 1 mm per meter	Thickness: ± 0.3 mm Width: ± 0.5 mm Length: standard lengths (1-2 cm oversize)
Quality Feature**	4-sided visible quality	3-sided visible quality
Foiling	suitable	suitable
Painting	suitable	suitable
Moisture Content	7-9%	7-9%
Density	720 kg/m3	720 kg/m3

* COMPONENTS: further Lengths available

**Quality description: CTS page 24 / RTW page 12

Ripped-To-Width Door Frames

Ripped-To-Width (RTW) Door Frames is a high quality piece of solid European Beech (Fagus sylvatica). It can be used for the production of interior door frames in a natural, foiled, stained or lacquered look.

Superior Door Frame

FRONT

– Nearly defect-free product

– Cutting length:
- ≥ 2.10 m at 2.45 m
- ≥ 2.40 m at 3.05 m
- ≥ 2.70 m at 3.35 m

Ripped-To-Width Door Frames

Overview - Dimensions

Thickness* [mm]	Widths* [mm]	Lengths* [mm]
38 (36.0), 52 (48.5)	SCD / COD: 100, 125, 150, 175 SUD: 100, 125, 150	2450, 3050, 3350
Tolerances		
± 0.3 mm	± 0.5 mm	

Superior Door Frame

BACK

– Larger defects permitted (knots, cracks, surface defects)

Ripped-To-Width Door Frames

Superior Colour

Door Frame

FRONT

– Colour no defect

– Nearly defect-free product

– Cutting length:
- ≥ 2.10 m at 2.45 m
- ≥ 2.40 m at 3.05 m
- ≥ 2.70 m at 3.35 m

Superior Colour
Door Frame

BACK

– Larger defects permitted (knots, cracks, surface defects)

Ripped-To-Width Door Frames

Cabinet Colour

Door Frame

FRONT

– Stricter edge requirements

– Lager knots (80 x 80 mm) and long but narrow cracks are permitted

– Cutting length:
- ≥ 2.10 m at 2.45 m
- ≥ 2.40 m at 3.05 m
- ≥ 2.70 m at 3.35 m

Ripped-To-Width Door Frames

Cabinet Colour
Door Frame
BACK

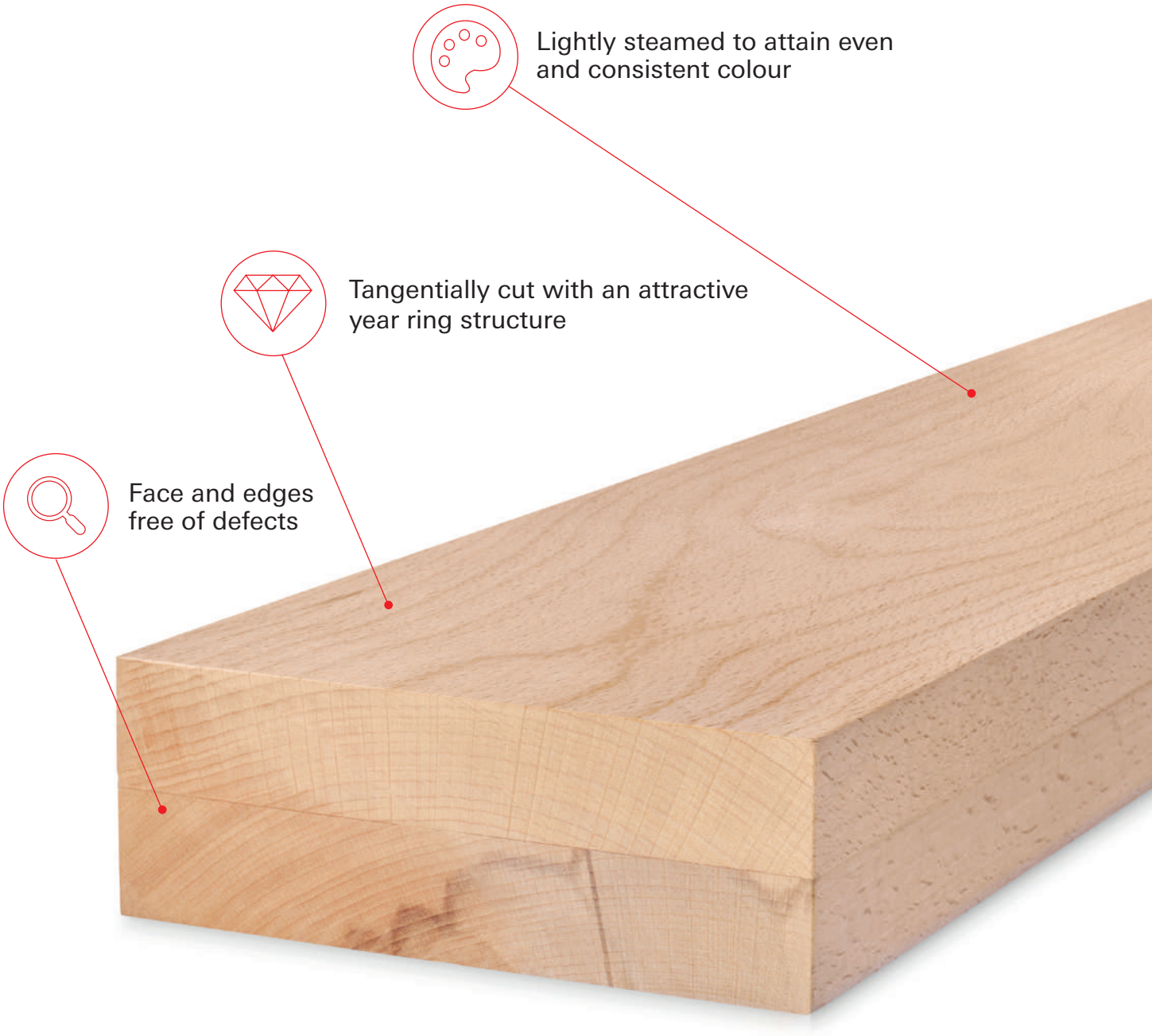
– Stricter edge requirements

– Lager knots (80 x 80 mm) and long but narrow cracks are permitted

COMPONENTS Laminated (C-Lam)

COMPONENTS Laminated (C-Lam) Door Frames is a high quality, semi-finished door frame component, glued from two pieces of solid European Beech (Fagus sylvatica). It is ready to use, perfectly tailored to the production of interior door frames.

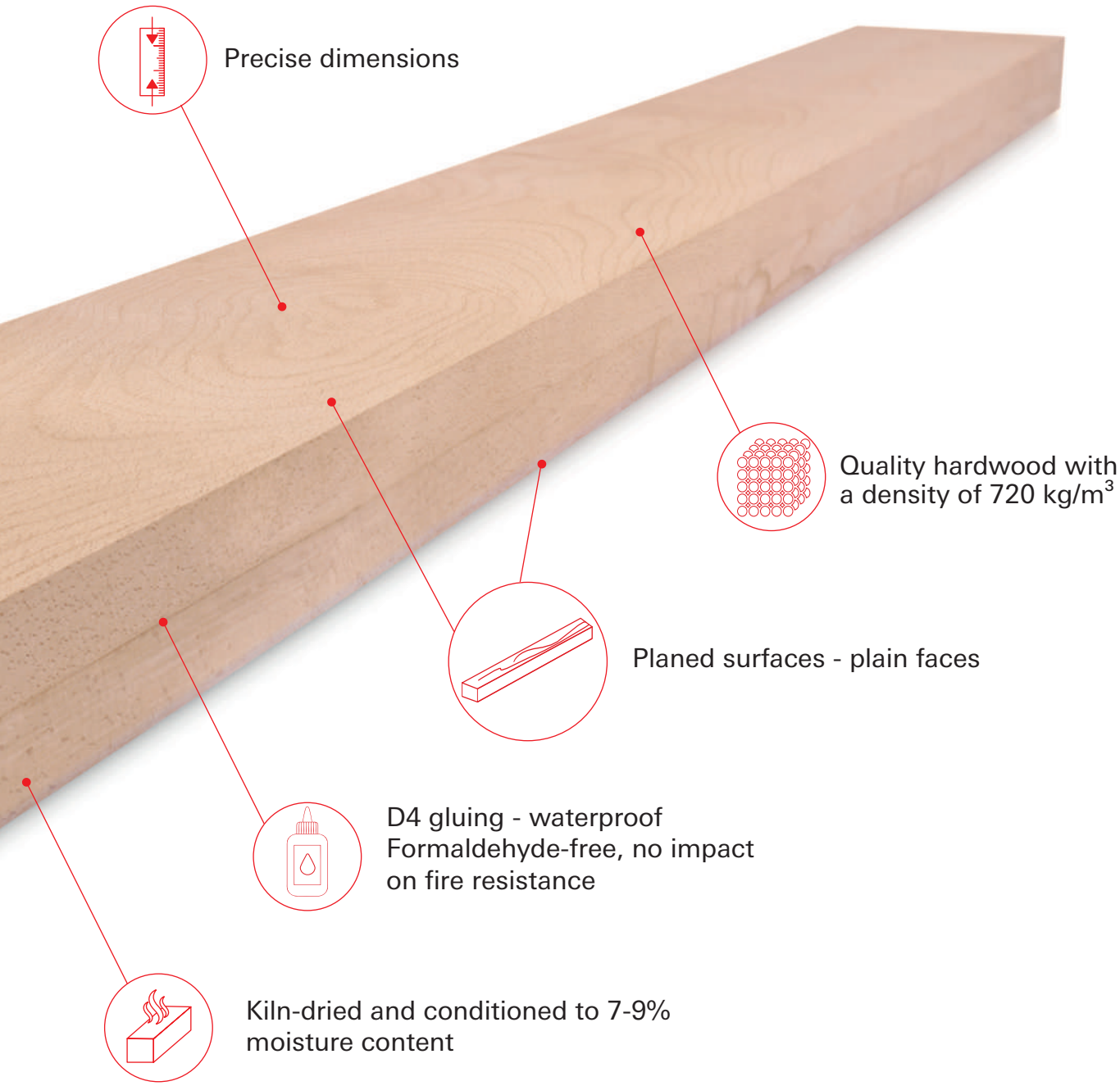
Our product is warp-resistant and free of defects in the visible areas (3 sides clear).



COMPONENTS Laminated (C-Lam)

Overview - Dimensions

Sortings	Thickness [mm]	Widths [mm]	Lengths* [mm]
AAX* CCX*	52 (44)	80, 100, 125, 150	900, 1000, 2200, 2300, 2400
Tolerances	± 0.5 mm	- 0 / +1 mm	± 2 mm per m



* other Lengths available on request.

COMPONENTS Laminated (C-Lam)
Sorting AAX

FRONT

BACK

COMPONENTS Laminated (C-Lam)

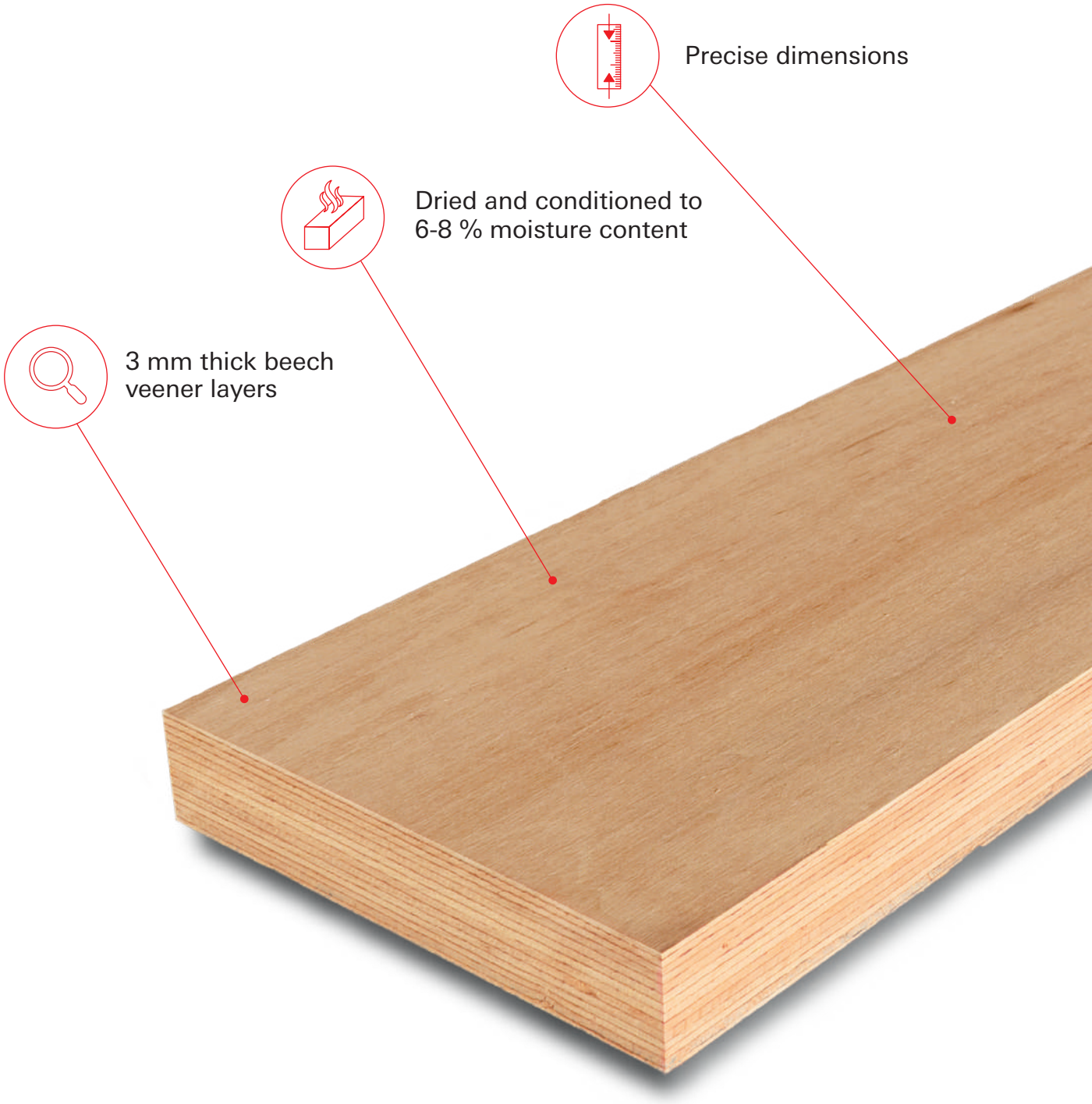
Sorting CCX

FRONT

BACK

Engineered Laminated Beech (E-Lam)

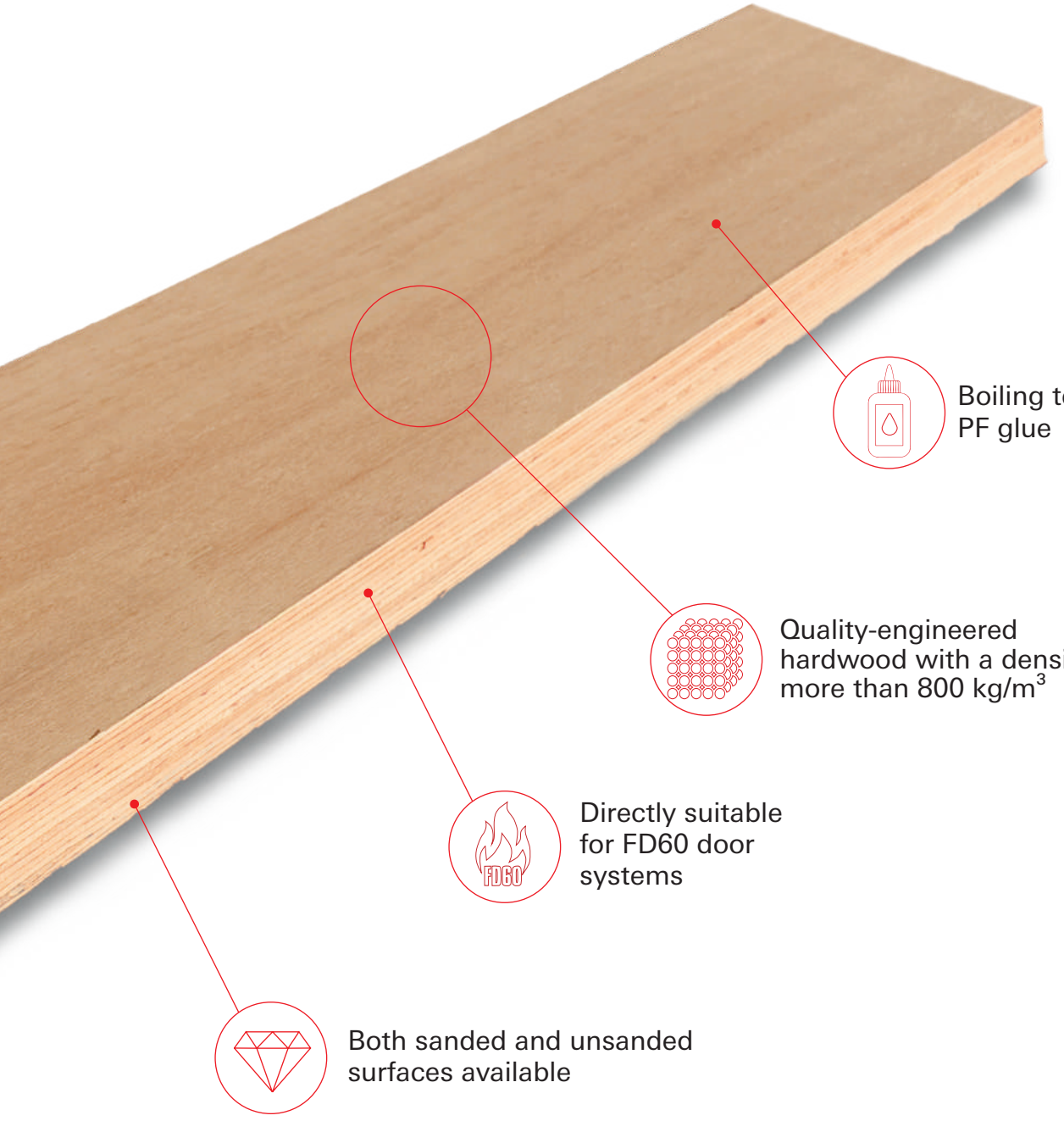
Engineered Laminated Beech (E-Lam) Door Frames is a high - quality, semi-finished door frame component, glued from 3 mm veneers out of European Beech (Fagus sylvatica).



Engineered Laminated Beech (E-Lam)

Overview - Dimensions

Thickness* [mm]	Widths* [mm]	Lengths* [mm]
42 (40) 45 (44) 21 - 63 mm in 3 mm steps	100, 125, 150, 175, 200, 225, 250, 275, 300, 600, 900 100 - 1820	2000, 2200, 2300, 2400, 2500, 2700, 3000 ≥ 2000 indiviual length
Tolerances		
unsanded ± 1 mm, sanded ± 0.5 mm	± 1 mm	± 2 mm



* other Thicknesses / Widths / Lengths available on request.

COMPONENTS // Solid Beech

Sortings: AAA | CCC

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

Tangentially cut with an attractive year ring structure

Sorting AAA

Sorting CCC

Pre-sanded surfaces

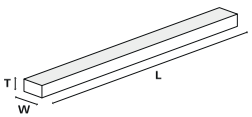
Kiln-dried and conditioned to 7-9% moisture content

Lightly steamed to attain even and consistent colour

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		3.3		3.4		3.4		3.4		3.5		3.4		**3.1***
2,750 mm		3.0		3.1		3.1		3.1		3.2		3.2		2.9
2,400 mm		2.6		2.7		2.7		2.7		2.8		2.8		2.5
2,250 mm	1,000	2.5	960	2.5	800	2.5	640	2.6	560	2.6	440	2.6	320	2.3
2,200 mm		2.4		2.5		2.5		2.5		2.6		2.5		2.3
2,100 mm		2.3		2.4		2.4		2.4		2.5		2.4		2.2
2,000 mm		2.2		2.3		2.3		2.3		2.3		2.3		2.1
1,900 mm		2.2		2.2		2.1		2.2		2.2		2.2		2.0
1,800 mm		2.0		2.1		2.0		2.0		2.1		2.1		1.9
1,600 mm		1.8		1.9		1.8		1.8		1.9		1.8		1.7
1,500 mm	1,040	1.7	960	1.8	800	1.7	640	1.7	560	1.8	440	1.7	320	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		1.3
1,000 mm		1.1	1,000	1.2		1.1		1.1		1.2		1.1		1.0
900 mm		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		0.8
750 mm	1,040	0.9	1,000	0.9	800	0.8	640	0.9	560	0.9	440	0.9	320	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		1.2		0.6		1.2		1.2		1.3		1.3		1.1
500 mm		1.1	1,000	0.6		1.1		1.1		1.2		1.1		1.0
450 mm	2,080	1.0		0.5	1,600	1.0	1,280	1.0	1,120	1.0	880	1.0	640	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	1.0	3,000	1.1	2,400	1.0	1,920	1.0	1,080	1.0	1,320	1.0	960	0.9
250 mm		0.9		0.9		0.8		0.9		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
150 mm	5,200	0.8	5,000	0.9	4,000	0.8	3,200	0.8	2,800	0.9	2,200	0.9	2,200	0.7
COMPONENTS SORTED LENGTHS														
2,701 - 3,000 mm		3.1		3.2		3.2		3.2		3.3		3.3		3.0
2,401 - 2,700 mm		2.8		2.9		2.9		2.9		3.0		2.9		2.7
2,101 - 2,400 mm	1,000	2.6	960	2.5	800	2.5	600	2.5	560	2.6	440	2.6	320	2.3
1,801 - 2,100 mm		2.1		2.2		2.2		2.2		2.3		2.2		2.0
1,501 - 1,800 mm		1.8		1.9		1.9		1.9		1.9		1.9		1.7

* Available in grading CCC.



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

Tolerances: Thickness: approx. ±0.3 mm calibration tolarance | Width: approx. ±0.5 mm |
Length: approx. ±1 mm per 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)

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

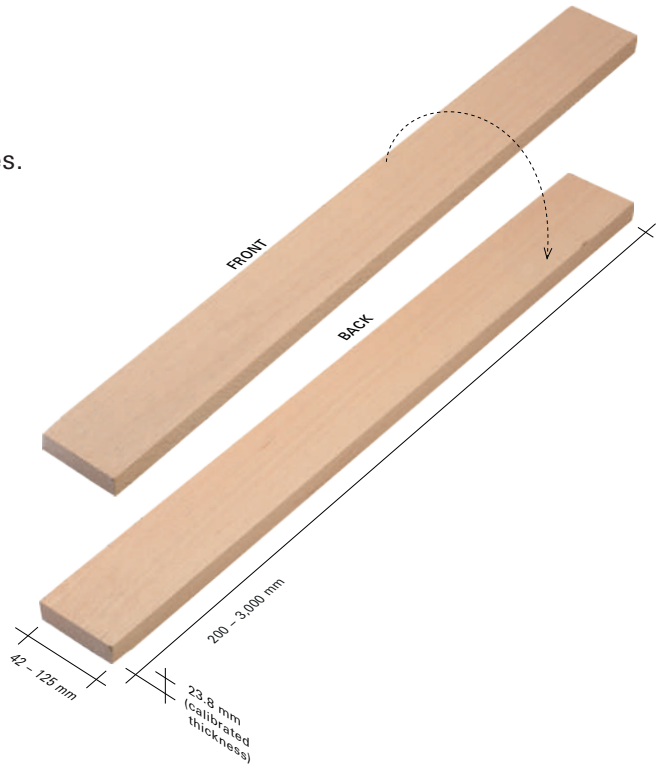
For the most updated availabilities, please check our website here:

COMPONENTS // Solid Beech

AAA | 4 sides clear

– Min. 90% of the COMPONENTS are clean, pin knots not determined as a defect.

– Max. 10% of the lamellas can have natural attributes.



Front

Back

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

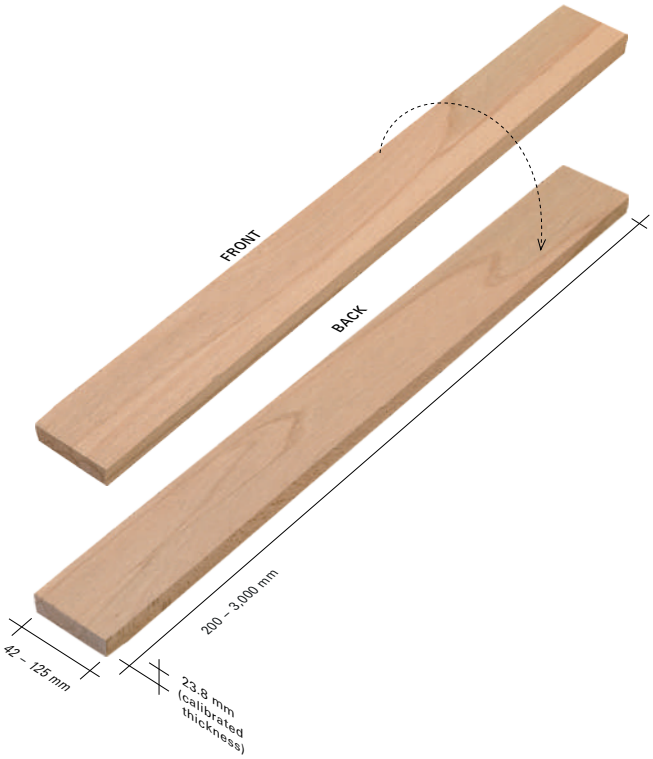
COMPONENTS // Solid Beech

CCC | 4 sides clear - colour no defect

– 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.



Front

Back

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

Cut-To-Size Laminated Veneer Lumber

Spruce

FRONT

BACK

Cut-To-Size LVL Spruce

Overview - Dimensions

_Spruce veneers can contain natural wood features such as knotholes, cracks or colour variations

_Veneer glue joints visible on board surfaces

_Application for e.g. reinforcement bars for the door industry

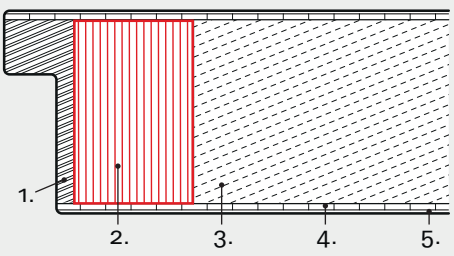
_Tolerances refer to a moisture content of 7-9% ex works

_The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account

_Largely dimensionally stable

Material	Thickness [mm]	Widths [mm]	Lengths [mm]
Cut-to-size Spruce LVL	21 - 81 *	from 15	700 - 6000
Tolerances	± 0.3 mm (planed) +0.3 / -1 mm (equalised)	± 0.3 mm (if required ± 0.1 mm)	± 1 mm

More dimensions available on request!
*unsanded, subsequent sanding possible



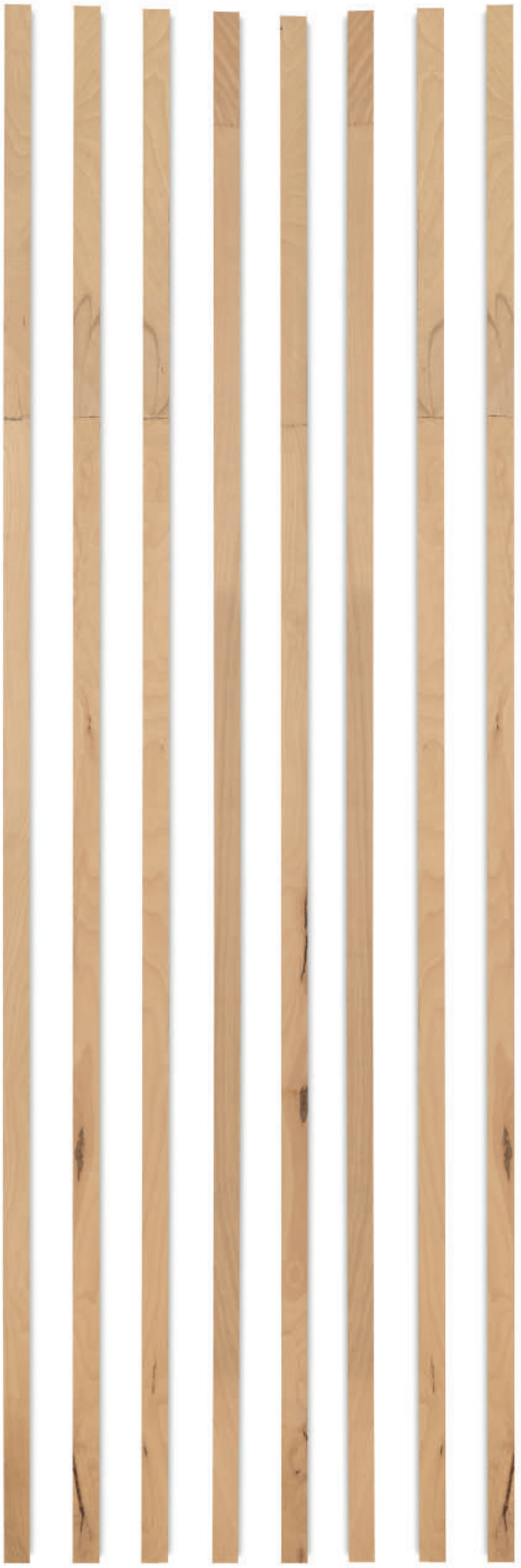
1. Lipping
2. Stile
3. Insert
4. Cover plate
5. Top layer

Cut-To-Size Laminated Veneer Lumber

Beech

FRONT

BACK



Cut-To-Size LVL Beech

Overview - Dimensions

_Beech veneers can contain natural wood features such as knotholes, cracks or colour variations

_Veneer glue joints visible on board surfaces

_Application for e.g. reinforcement bars for the door industry

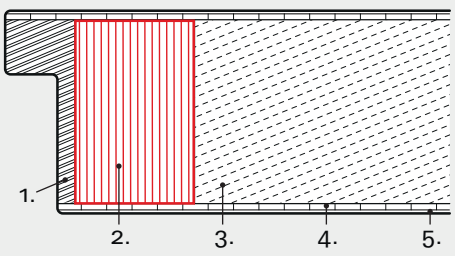
_Tolerances refer to a moisture content of 6-8% ex works

_The swelling and shrinking behaviour of higher equilibrium moisture contents must be taken into account

_Largely dimensionally stable.

Material	Thickness [mm]	Widths [mm]	Lengths [mm]
Cut-to-size LVL Beech	21 - 66 *	from 15	700 - 6,000
Tolerances	± 0.3 mm (planed) +0.3 / -1 mm (equalised)	± 0.3 mm (if required ± 0.1 mm)	± 1 mm

More dimensions available on request!
*Unsanded, subsequent sanding possible.



1. Lipping
2. Stile
3. Insert
4. Cover plate
5. Top layer

Pollmeier DOOR COMPONENTS

Beech. One Wood. So many possibilities.

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

Please contact us.
We are happy to support you!

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+49 36926 945 163

Our products are certified according to PEFC.

PEFC™
PEFC/04-31-0545

Pollmeier