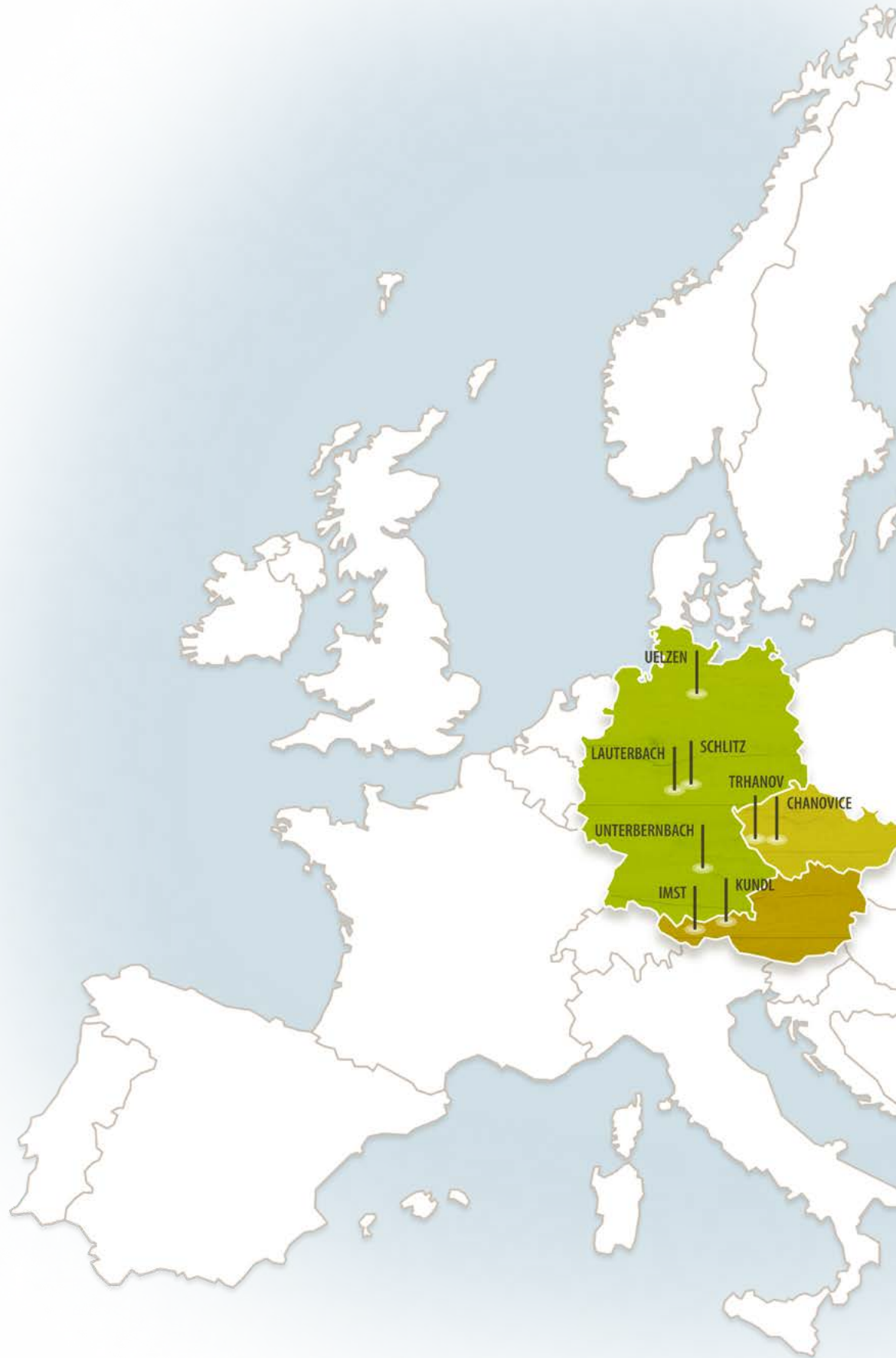


Range of Products

Pfeifer and timber – a connection that has stood for quality and durability since 1948. Both values have their origins in a culture of innovation. Our need for development arises from our enthusiasm for the fascinating material wood. As a family business, we offer the reliable framework to continuously cultivate this passion. **PASSION FOR TIMBER**

Products

- 10 – 37 **Timber construction**
- 38 – 49 **Sawn timber**
- 50 – 63 **Concrete formwork**
- 64 – 73 **Energy**
- 74 – 83 **Palletblocks and
packaging timber**
- 84 – 87 **Bedding**
- 88 – 89 Certificates
- 90 Contact & Imprint





FROM THE HEART OF EUROPE

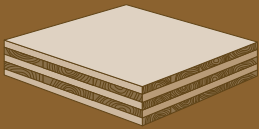
to the whole world

A small timber mill that was founded by Barbara Pfeifer in Imst/Austria in 1948 has now become a group with 2,600 employees and 13 locations in four countries. Pfeifer Holz guarantees quality products, continuity and security of delivery for customers in more than 90 countries.

WORLD OF PRODUCTS

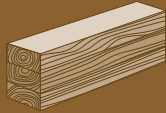
Perfection through decades of know-how

TIMBER CONSTRUCTION



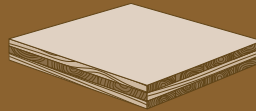
CLT Cross laminated timber

Page 12 – 17



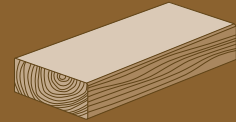
Glued-laminated timber oder nur kurz Glulam

Page 18 – 21



Single- and three-ply solid timber panels

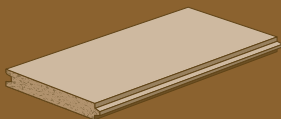
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Construction timber

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TIMBER CONSTRUCTION



Tongue boards

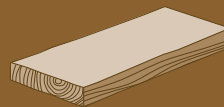
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Laths

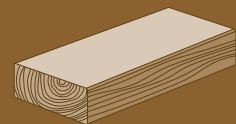
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SAWN TIMBER



Sawn timber

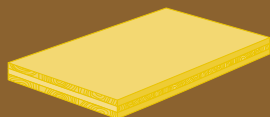
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Planed goods

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CONCRETE FORMWORK



Formwork panels

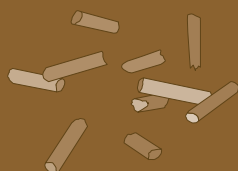
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Formwork beams

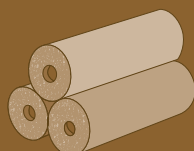
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ENERGY



Pellets

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Briquettes

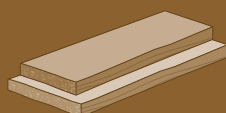
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PALLET BLOCKS AND PACKAGING TIMBER



Pallet blocks

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Packaging timber

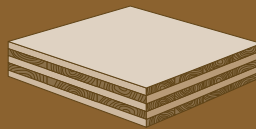
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BEDDING



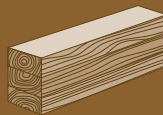
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TIMBER CONSTRUCTION



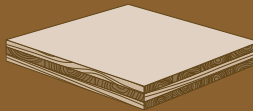
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**CLT Cross
laminated timber**



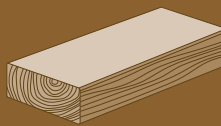
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**Glued-laminated timber
oder nur kurz Glulam**



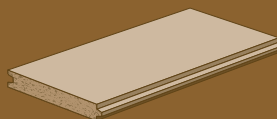
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**Single- and three-ply
solid timber panels**



PAGE 30 – 33

Construction timber



PAGE 34 – 36

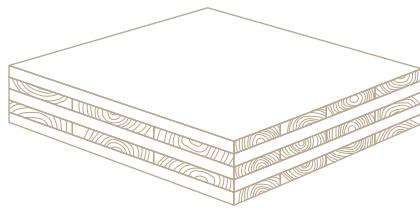
Tongue boards



PAGE 37

Laths





TIMBER CONSTRUCTION

CLT Cross laminated timber

CLT CROSS LAMINATED TIMBER



PFEIFER CLT is a large-format solid timber panel with maximum 15 layers of timber lamellae glued crosswise. Dried, strength- and quality-assorted, planed timber lamellae made

of European spruce wood as well as formaldehyde-free polyurethane (PU) adhesive are used.

FEATURES

Product name: Pfeifer CLT Brettsperrholz

Approval: 20/0023

Application: Load bearing and non-load-bearing construction elements in buildings and timber structures such as walls, ceilings or roofs

Use class: 1 and 2 (according to EN 1995)

Build-up: 3 to max. 15 crossed and glued layers
(standard: 3 to 7 layers)

Layer option: max. 3 fibre-parallel layers (≤ 90 mm) possible

Board length: up to 14.50 m

Panel width: up to 3.10 m

Board thickness: 60 – 280 mm (standard),
up to 320 mm on request

Lamella thicknesses: 20, 30 or 40 mm

Strength class of raw material: C24; a proportion of max. 10% C16 is permissible (acc. EN 338)

Surfaces: industrial quality (IQ), industrial visible quality (ISQ) and Visible quality (WSQ)

Types of wood: Europ. soft wood

Wood moisture: $12 \pm 2\%$ (at the time of delivery)

Dimensional stability: longitudinal and crossways of the level of the board:

0.01% per % of change in wood moisture

At right angles to the level of the board:
0.20% per % change in moisture content of the wood

Adhesive: Polyurethane (PU) adhesive (formaldehyde-free) for finger-jointing and surface glueing (according to EN 301 or EN 15425)

Weight: approx. 480 kg/m³ (to determine the transport weight)

Diffusion resistance: $\mu = \text{ca. } 60$ (at $u = 12 \pm 2\%$)

Air tightness: Class 4 (according to EN 12207)

Airtight from 3 layers according to Report HFA of 29/11/2019

Thermal conductivity: $\lambda = 0.12 \text{ W/(m.K)}$

Specific heat capacity: $c_p = 1600 \text{ J/(kg.K)}$

Fire performance: D-s2, d0 (according to EN 13501)

Fire resistance / charring rate: $\sim 0.7 \text{ mm/min.}$ (for approximate calculations)

Recycling: Waste code: 17 02 01 (according to the Waste Incineration Ordinance (AVV))

Formaldehyde class: E1 Equalisation concentration 0.01 ppm (according to Report HFA No. DLR 500038/2021 of 11/10/2021)

DELIVERY PROGRAMME

PFEIFER	GRAIN DIRECTION	BUILD-UP	THICKNESS	LENGTHS	INVOICED WIDTH	WEIGHT*
CLT		[mm]	[mm]	[m]	[m]	[kg/m²]
3s						
60	Top layer lengthwise and crosswise possible DQ/DL	20-20-20	60	8.00 m to 14.50 m	2.45 to 3.10 m in 5 cm steps	28.8
80		30-20-30	80			38.4
90		30-30-30	90			43.2
100		30-40-30	100			48.0
110		40-30-40	110			52.8
120		40-40-40	120			57.6
5s						
100	Top layer lengthwise and crosswise possible DQ/DL	20-20-20-20-20	100	8.00 m to 14.50 m	2.45 to 3.10 m in 5 cm steps	48.0
120		30-20-20-20-30	120			57.6
140		40-20-20-20-40	140			67.2
150		40-20-30-20-40	150			72
160		40-20-40-20-40	160			76.8
180		40-30-40-30-40	180			86.4
200		40-40-40-40-40	200			96.0
7s						
180	Top layer lengthwise and crosswise possible DQ/DL	30-20-30-20-30-20-30	180	8.00 m to 14.50 m	2.45 to 3.10 m in 5 cm steps	86.4
200		20-40-20-40-20-40-20	200			96.0
220		30-30-30-40-30-30-30	220			105.6
240		30-40-30-40-30-40-30	240			115.2
260		30-40-40-40-40-40-30	260			124.8
280		40-40-40-40-40-40-40	280			134.4
7ss						
180	Top layer lengthwise and crosswise possible DQ/DL	30-30-20-20-20-30-30	180	8.00 m to 14.50 m	2.45 to 3.10 m in 5 cm steps	86.4
200		30-30-30-20-30-30-30	200			96.0
220		30-30-30-40-30-30-30	220			105.6
240		40-40-20-40-20-40-40	240			115.2
260		40-40-30-40-30-40-40	260			124.8
280		40-40-40-40-40-40-40	280			134.4

* Calculation with 480 kg/m³ss Top layers consist of two longitudinal layers
Further Build-ups possible on request.

☰ Detailed information can be found
in our special Pfeifer CLT brochures.

Just ask us!

SURFACE QUALITIES

	INDUSTRIAL QUALITY (IQ)	INDUSTRIAL VISIBLE QUALITY	VISIBLE QUALITY
Area of application	Purely structural components for subsequent cladding (e.g., with plasterboards or 3-layer boards)	Visible components in subordinate areas, e.g., in commercial and industrial buildings or which are noticeable at a greater distance (e.g., canopies), can only be used to a limited extent in residential areas	Visible components, especially for living areas. But also for kindergardens, schools and office areas. Treatment of the surface (on site) recommended (e.g., with varnish, UV protection,...)
Requirements on the surface	No visual requirements on the surface, purely strength-oriented features (C24) with isolated gaps, knot holes in the outer layers, glue penetration as well as individual pressure points and dirt can occur, discolouration (e.g., blue stain) possible, glue penetration possible	Medium requirements, increased optical criteria for cover lamellas, individual small gaps; slight discolouration is possible	High requirement, special requirements with regard to a homogeneous surface structure and lamella quality, occasionally minor/slight discolouration possible
Production-related technical information	Finger-jointing visible in the outer lamellas, without edge glueing	Finger-jointing visible in the outer lamellas, to avoid shrinkage cracks, no edge glueing of lamellas	Finger-jointing visible in the cover lamellae, to avoid shrinkage cracks, no edge glueing of lamellas
Chamfer	Without chamfer	Chamfer (approx. 5 mm) for DL panels (at the panels edges), DQ panels without chamfer	Chamfer (approx. 5 mm) for DL panels (at the panel edges), DQ panels without chamfer
Machining of the surface at the factory	lamellas planed, only sanded on request, cross cut with DQ boards possible	Full-surface sanding (one side or both sides); 90° saning on DQ panels is possible	Full-surface sanding (one side or both sides); 90° sanding on DQ panels is possible
Surface treatment at the factory	Not possible	Not possible	Is possible on request with external partners
Wood moisture (approx.) as delivered	12 +/- 2 %	12 +/- 2 %	12 +/- 2 %
Cracks Joints	Wood is a natural product, therefore: as with all structural solid wood products, crack and gap formation due to shrinkage to the later equilibrium moisture content (EMC) in the state of use is product-specific and cannot be avoided. The lamellas are not edge glued.		

- Visible surfaces should always be sampled: contact us

- Exact criteria (e.g., branch sizes,...) of the surface options: on request or at www.pfeifergroup.com

- Quality surfaces are possible on one side or both sides; the optical criteria do not apply to the narrow/front sides and machining edges

- For WSQ surfaces, changing the panel structure may be necessary.

AREAS OF APPLICATION

The versatility of the CLT material opens up completely new possibilities for creative, aesthetic solutions and inspires the imagination of planners. Pfeifer is the right partner and

supplier of high-quality components for individual applications. CNC-controlled joining basically sets no limits to the shape of a component made of cross laminated timber.

WALL

PFEIFER CLT wall elements meet all static, structural and fire protection requirements. The completely joined wall elements, including cut-outs for windows, doors and installations, are delivered to the construction site ready for use.

Advantages

- + Can be used as outer walls, inner walls and partitions in flats
- + Two-axis load-dissipating effect: high vertical load transfer possible. High horizontal load capacity for building rein-

forcement

- + Profitable use in multi-storey residential and industrial buildings
- + High degree of prefabrication with all openings and outlets
- + Living area with quality wood for a visually and haptically great atmosphere

CEILING

The design of floors with PFEIFER CLT scores with its self-supporting and dry construction. Large-format, dimensionally stable components create a panel effect and can be mounted with finished visible surfaces for comfort and quality of living.

Advantages

- + Two-axis load-dissipating effect: load-bearing effect can be ideally used in the case of construction of additional storeys
- + Jointless installation, no larger contraction joints

- + High degree of prefabrication
- + Dry construction
- + High thermal storage mass in winter / insulator in summer
- + Finished visible surfaces = finished floor covering or finished soffit

ROOF (FLAT ROOF/SLOPING ROOF)

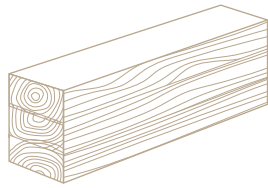
In principle, any roof shape can be used with CLT. Roof constructions made of PFEIFER CLT meet all static, fire protection and acoustic requirements. The excellent thermal insulation and storage properties of wood allow for a pleasant indoor climate – in winter as well as in summer.

Advantages

- + Two-axis load-dissipating effect: protrusions and break-throughs in new dimensions
- + Large spans

- + High degree of prefabrication
- + Immediate impermeability thanks to quick installation within a few hours
- + Dry construction
- + High thermal storage mass in winter / insulator in summer
- + Finished visible surfaces / pleasant wooden surfaces for comfort





TIMBER CONSTRUCTION

Glued-laminated timber

GLULAM TIMBER



PRODUCT RANGE

Type of wood: spruce/fir

Strength grade: GL24c /GL24h,
higher strengths on request: GL28c / GL28h / GL30c / GL30h
Widths 60 and 80 mm only for strength grade GL24 cs
Widths 220, 240, 260 and 280 mm only in strength grade GL 24

Quality: visual quality (Si), industrial quality (NSi),
standard quality (Si unpatched)

Length: 6 to 24 m

Width: width: 60 to 280 mm (in a 20 mm steps), 60/80mm
widths: are split from one beam

Height: up to 1,280 mm, in 40 mm steps, intermediate heights
on request

minimal production length: 600 cm

Lamella thickness: approx. 40 mm

Size tolerances: width/height: ± 2 mm (upon delivery),
length - 0 / + 5 mm or 0.1%

Cuts: ± 1 mm on request

Surface: planed on 4 sides, chamfered longitudinal edges

Wood moisture: $u = 12 \pm 2\%$

Glueing: melamine resin glue, light glued line, waterproof

Gross density: approx. 450 kg/m^3

Packaging: package-wrapped/on request individually wrapped

Monitoring institutes: Holzforschung Austria

Usage classes: NK1, NK2

Product standards: Manufacture according to EN 14080,
finger-jointing according to EN 15497

Automatic strength grading: according to EN14081

FEATURES

Assessible: clearly defined material according to strength
and quality

Standardised: high availability through standardised
cross-sections

Economical: the high load-bearing capacity with low dead
weight enables lean and economical constructions

Dimensionally stable: thanks to multi-layer glueing, dimensionally
stable and minimum cracking as well as easy to machine
and universally applicable

Chemically resistant: glulam timber is particularly suitable for
chemically stressed constructions due to the natural corrosive
resistance of wood

Highly fire-resistant: assessable and safe compared to other
construction materials

A 100% natural building material: for a pleasant indoor climate
and comfort

GLULAM TIMBER SLABS












KEY BENEFITS

Glulam timber elements for solid wood construction for roofs, ceilings and walls.

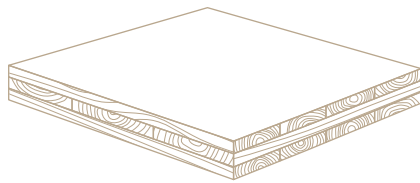
- Low dead weight with high load capacity
- Static pane design possible
- Lean constructions compared to, for example, wooden beam constructions
- Simple implementation details
- Pleasant indoor climate due to breathable (hygroscopic) material
- Easily machined
- Dry construction
- Short assembly times due to prefabrication

PROFILE OPTIONS

	SINGLE GROOVE	SINGLE GROOVE WITH REBATE	DOUBLE GROOVE	DOUBLE GROOVE WITH REBATE
				
Height (in 20 mm steps)	80 – 280 mm	100 – 280 mm	100 – 280 mm	140 – 280 mm
Groove depth	25 mm	25 mm	25 mm	25 mm
Groove height	20.5 mm	20.5 mm	20.5 mm	20.5 mm
Rebate depth		50 mm		50 mm
Rebate height		20 mm		20 mm

TONGUE AND GROOVE	TONGUE AND GROOVE WITH REBATE	DOUBLE TONGUE AND GROOVE	DOUBLE TONGUE AND GROOVE WITH REBATE	REBATE
				
60 – 140 mm	100 – 140 mm	100 – 280 mm	160 – 280 mm	60 – 280 mm
15 mm	15 mm	15 mm	15 mm	
20.5 mm	20.5 mm	20.5 mm	20.5 mm	
	50 mm		50 mm	50 mm
	20 mm		20 mm	20 mm





TIMBER CONSTRUCTION

Single- and three-ply solid timber panels

THREE-PLY SOLID TIMBER PANELS



TECHNICAL DATA

Wood moisture: 10 +/- 2% upon delivery

Middle layers: tightly glued board middle layer in different widths

Top layers: 89 to 142 mm wide

Surface: natural, sanded on both sides

Gross density: approx. 450 kg/m³

Emission class: E1, formaldehyde content ≤ 0.01 ppm

Glueing: tested according to EN 13354
(boiling water-resistant glueing)

CE certification: according to EN 13 986:2004, EPH Dresden
(SWP/3)

≡ QUALITY DESCRIPTION 1-S & 3-S SOLID TIMBER PANELS

A-quality: surface sanded, free from cracks and joints, healthy full grown branches, single black or black-edged branches up to max. 20 mm in diameter, patches of black branches permitted, free from medullary tubes (except for isolated ones), healthy wood, staining and fungal infestation not permitted, practically box-free (light box allowed).

B-quality: surface sanded, free from joints, a few fine cracks permitted, black branches and patch branches permitted (but no accumulations), medullary tubes are permitted in isolated cases, resin pockets up to 5 x 50 mm, light box, small bark ingrowths up to approx. 1.5 cm are permitted in isolated cases.

C-quality: surface sanded, knotholes patched, there can be small joints on individual panels (max. 2–3 mm), otherwise no special quality requirements.

FEATURES

Dimensionally stable: dimensionally stable and accurate to size due to multi-layered crosswise glueing

Standardised: high availability through standardised formats and qualities

Natural: for a pleasant indoor climate and comfort

Minimum cracking: (10% +/- 2%) and professional machining of cover lamellae and the middle layer

Aesthetic: balanced surface appearance through careful sorting

Stable: good load-bearing capacity with low dead weight

Versatile: easy to machine and versatile to use

DELIVERY PROGRAMME

European spruce

QUALITY	AB/B	B/C	B/K	C/C	C/K	QTY./ PU	PANEL STRUCTURE
FORMAT		5,000 x 1,025 / 5,000 x 2,050 mm					
16 mm	○	●	●	●	●	35	4/8/4
19 mm	●	●	●	●	●	30	6/7/6
22 mm	—	●	●	●	●	25	6/10/6
27 mm ¹	●	●	●	●	●	21	9/9/9
32 mm	—	●	●	●	●	17	9/14/9
42 mm	—	●	●	●	●	13	9/24/9
50 mm	—	●	●	●	●	11	9/32/9
60 mm	—	●	●	●	●	9	14/32/14
FORMAT		5,000 x 1,250 / 5,000 x 2,500 mm					
19 mm	—	●	●	●	●	30	6/7/6
27 mm ¹	—	●	●	●	●	21	9/9/9
42 mm	—	●	●	●	●	13	9/24/9
50 mm	—	●	●	●	●	11	9/32/9
60 mm	—	●	●	●	●	9	14/32/14
FORMAT		6,000 x 1,025 / 6,000 x 2,050 mm					
19 mm	—	●	●	●	●	25	6/7/6
27 mm	—	●	●	●	●	18	9/9/9
42 mm	—	●	●	●	●	11	9/24/9
50 mm	—	●	●	●	●	9	9/32/9
60 mm	—	●	●	●	●	8	14/32/14
FORMAT		6,000 x 1,250 / 6,000 x 2,500 mm					
19 mm	—	●	●	●	●	25	6/7/6
27 mm	—	●	●	●	●	18	9/9/9
42 mm	—	●	●	●	●	11	9/24/9
50 mm	—	●	●	●	●	9	9/32/9
60 mm	—	●	●	●	●	8	14/32/14

Larch

QUALITY	AB/C	—	—	—	—	QTY./ PU	PANEL STRUCTURE
FORMAT		5,000 x 2,050					
19 mm	●	—	—	—	—	30	6/7/6
27 mm	●	—	—	—	—	21	9/9/9

¹ 27 mm format, 6 mm top layer only ex works from 1mst possible ² On request, not all sizes are always in stock. ● available ○ out of stock, order-related production

THREE-PLY SOLID TIMBER PANELS WITH TONGUE AND GROOVE



DELIVERY PROGRAMME

Laying panel made of spruce, long side with wedge tongue/wedge groove

QUALITY	AB/B	B/C	B/K	C/C	C/K	QTY./ PU	PANEL STRUCTURE
FORMAT	5,000 x 665 / 5,000 x 1,010 mm						
19 mm	—	—	●	—	—	30	6/7/6
22 mm	—	—	●	—	—	25	6/10/6
27 mm	—	—	●	—	—	21	9/9/9

Laying panel made of spruce - 4-sided with wedge tongue/wedge groove

QUALITY	AB/B	B/C	B/K	C/C	C/K	QTY./ PU	PANEL STRUCTURE
FORMAT	2,480 x 665 mm						
19 mm	—	—	●	—	—	30	6/7/6
27 mm	—	—	●	—	—	21	9/9/9

Laying panel made of larch, long side with wedge tongue/wedge groove

QUALITY	AB/B	B/C	B/K	C/C	C/K	QTY./ PU	PANEL STRUCTURE
FORMAT	5,000 x 665 mm / 5,000 x 1,010 mm						
19 mm	●	—	—	—	—	30	6/7/6
27 mm	●	—	—	—	—	21	9/9/9

Laying panel made of larch - 4-sided with wedge tongue/wedge groove

QUALITY	AB/B	B/C	B/K	C/C	C/K	QTY./ PU	PANEL STRUCTURE
FORMAT	2,480 x 665 mm						
19 mm	●	—	—	—	—	30	6/7/6
27 mm	●	—	—	—	—	21	9/9/9

¹ 27 mm format, 6 mm top layer only ex works from 1mst possible ² On request, not all sizes are always in stock. ● available ○ out of stock, order-related production

SINGLE-PLY SOLID TIMBER PANELS



TECHNICAL DATA

Wood moisture: 10 +/- 2% upon delivery

Slat width: 43 to 45 mm

Surface: natural, sanded on both sides (K 80)

Gross density: approx. 450 kg/m³

Emission class: E1, formaldehyde content ≤ 0.01 ppm

CE certification: according to EN 13353:2011 (SWP/1),
for non-supporting purposes

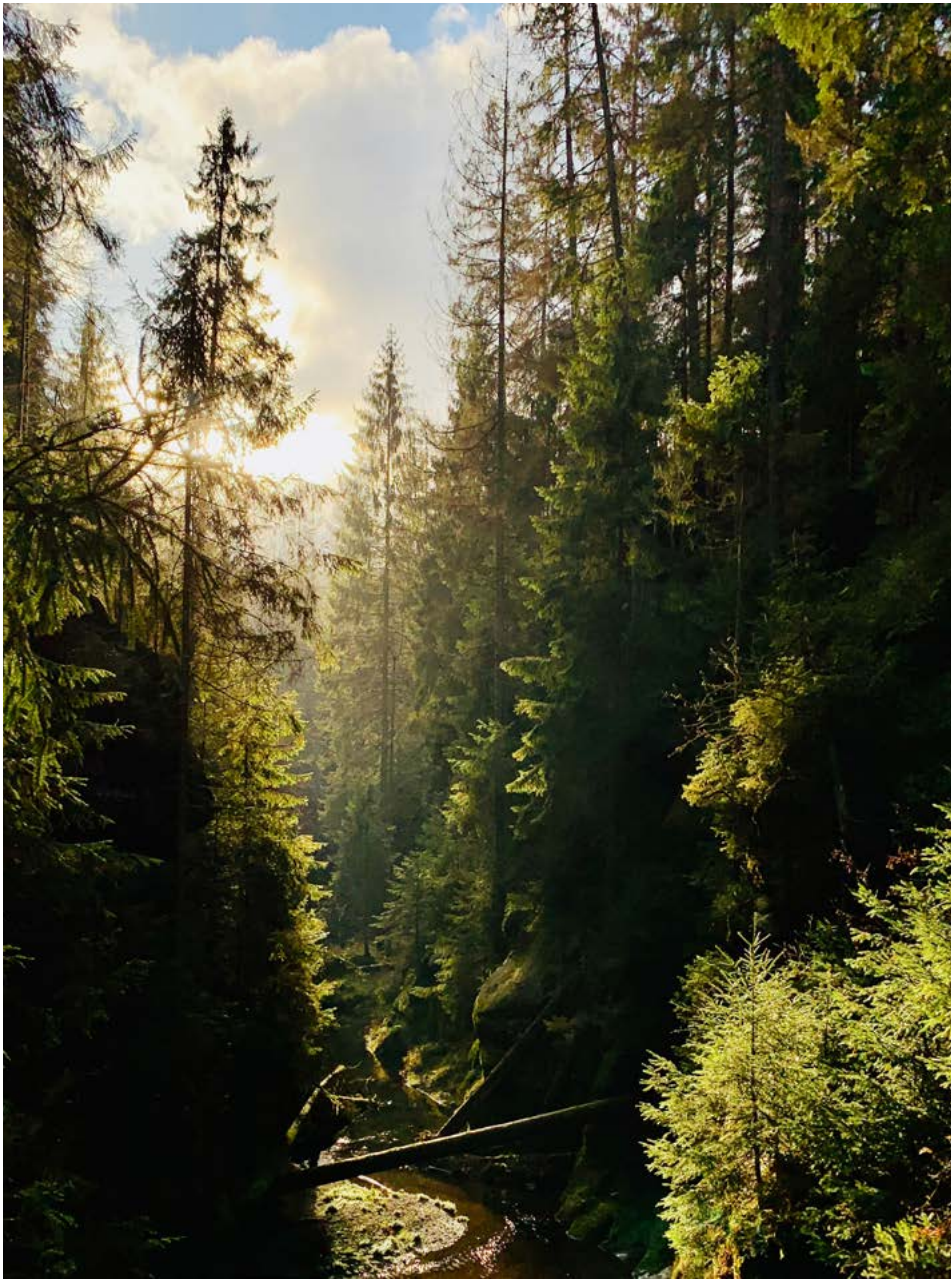
Glueing: tested according to EN 13354
(boiling water-resistant glueing)

DELIVERY PROGRAMME

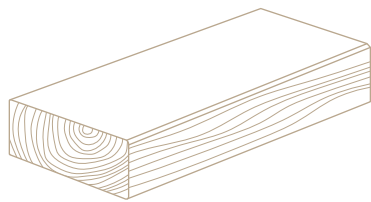
European spruce

QUALITY	A	AB	B	BC	C	QTY./ PU
FORMAT	5,000 x 1,025 / 5,000 x 1,230 mm					
14 mm	●	●	●	●	●	40
18 mm	●	●	●	●	●	30
21 mm	●	●	●	●	●	26
24 mm	●	●	●	●	●	23
27 mm	●	●	●	●	●	21
34 mm	●	●	●	●	●	16
42 mm	●	●	●	●	●	13

¹ 27 mm format, 6 mm top layer only ex works from Imst possible ² On request, not all sizes are always in stock. ● available ○ out of stock, order-related production







TIMBER CONSTRUCTION

Construction timber

CONSTRUCTION- TIMBER 5 METRES



PRODUCT RANGE

Type of wood: spruce

Sorting: C24

Quality: NSi

Length: 5 m

Surface: levelled

Wood moisture: 15 ± 3%

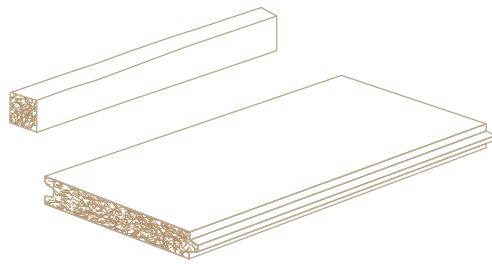
Packaging: package-wrapped

DIMENSIONS AND PACKAGING UNITS

WIDTH <i>mm</i>	HEIGHT <i>mm</i>	BUNDLED/LOOSE	TOTAL <i>Qty.</i>
27	60	bundled	378
30	60	bundled	324
40	60	bundled	216
40	80	bundled	168
60	60	loose	162
60	80	loose	117
60	100	loose	99
60	120	loose	81
60	140	loose	72
60	160	loose	63
60	180	loose	54
60	200	loose	45
80	80	loose	98
80	100	loose	77
80	120	loose	63
80	160	loose	49
100	100	loose	55
100	120	loose	45
100	140	loose	40
100	160	loose	35







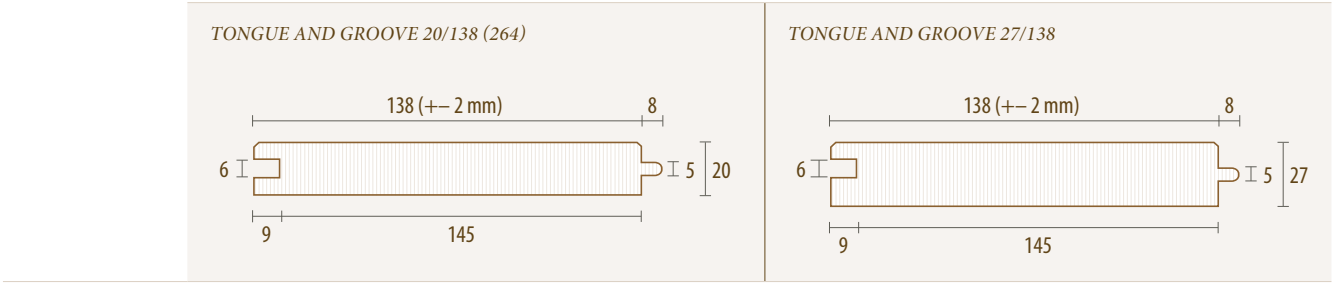
TIMBER CONSTRUCTION

Tongue boards & slats

TONGUE BOARDS



PROFILE OPTIONS



Dimension	20/138 (264)	27/138 (200)
Piece	208	144
Height	50	50
Width	100	100

PRODUCT RANGE

Type of wood: spruce

Surface: levelled, sharp-edged

Wood moisture: max. 15 %

Packaging: foil-coated

Sorting: A/B/C

Length: 5 m, trimmed

LATHS

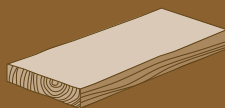


DIMENSIONS AND PACKAGING UNITS

<i>STRENGTH</i> <i>mm</i>	<i>WIDTH</i> <i>mm</i>	<i>LENGTH</i> <i>m</i>	<i>BUNDLED/LOOSE</i>	<i>PIECE PER PACK</i>
23	48	4	bundled	1152
28 **	38 **	5	bundled	1120
28	48	4	bundled	960
38	38	4	bundled	840
38	48	5	bundled	630
38	58	4	bundled	540
38	78	4	bundled	392
48	48	4	bundled	504
48	58	4	bundled	432
48	68	4	bundled	384
48	78	4	bundled	336
48	98	4	bundled	240
58	78	4	bundled	252
78	78	4	loose	196
78	98	4	loose	154
98	98	4	loose	121

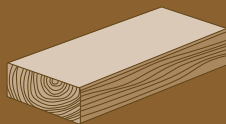
* planed, sorting 3/4/5 ** only on request

SAWN TIMBER



PAGE 40 – 45

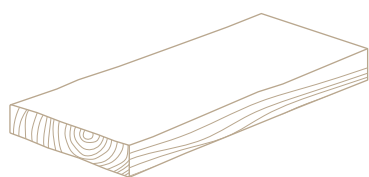
Sawn timber



PAGE 46 – 49

Planed goods





SAWN TIMBER

Sawn timber

SAWN TIMBER



PRODUCT RANGE

- BSH slats in visual and industrial quality
 - KVH raw material for visibility and non-visibility, raw material for glued laminated timber
 - Raw material for planing mills
 - Panel raw material
 - Sawn timber for packaging, pallets and cable drums
 - Center layers for parquet and glued laminated timber
- Formwork
 - Planks
 - Squared timber
 - Special dimensions according to customer requirements
 - fresh, slatted or unslatted, anti-blue treatment on request *

SUPPLY PLANTS	UNTERBERNBACH	UELZEN *	KUNDL	LAUTERBACH *	CHANOVICE
Type of wood	Spruce pine	Pine	Spruce	Spruce pine	Spruce
Thicknesses	12 – 130 mm	12 – 125 mm	10 – 160 mm	12 – 160 mm	13 – 160 mm
Widths	70 – 300 mm	70 – 245 mm	70 – 315 mm	70 – 315 mm	60 – 350 mm
Lengths in metres	Spruce 5.10 5.00 4.80 4.50 4.20 4.00 3.90 3.60 3.00	Pine 2.40 2.00	Spruce 5.00 4.00 3.50 3.00	Spruce 5.00 4.00 3.50 3.00 2.40	Spruce 5.00 4.00 3.50 3.00
	Spruce/fir/pine 3.60 3.00 2.50			Pine 4.00 3.50 3.00	
				Spruce/fir/pine 2.40 2.00	

THICKNESS in mm	WIDTH in mm	QUALITIES	STANDARD DRYING
<i>Main product spruce</i>			
37	250/275	0/4 + 4/5	15 %
41	290	0/4 + 4/5	15 %
47	144/147	0/4/2/4/4/5	11 %
43	125 / 145 / 165	0 – 4/2 – 4	15 %
45	90 / 110 / 130 / 150 / 170 / 190 / 210 / 250	0 – 3/2 – 4/4 – 5	11 %
46	210 / 235 / 255 / 275	0 – 3/2 – 4/4 – 5	11 %
50	100 / 125 / 150 / 170 / 190 / 210 / 230 / 250	0 – 3/2 – 4/4 – 5	11 / 15 %
63	105 / 125 / 145 / 165 / 185 / 205 / 225 / 245 / 265 / 285	0 – 4/4 – 5	15 %
84	105 / 125 / 145 / 165 / 185 / 205 / 225 / 245 / 265 / 285	0 – 4/4 – 5	15 %
105	105 / 125 / 145 / 165 / 185 / 205 / 225 / 245 / 265 / 285	0 – 4/4 – 5	15 %
125	125 / 145 / 165 / 185 / 205 / 225 / 245 / 265 / 285	0 – 4/4 – 5	15 %
146	146 / 207 / 247	0 – 4/4 – 5	15 %
<i>Main product pine</i>			
34	95 / 225	0 – 4/4 – 5	17 %
37	250	0 – 4/4 – 5	17 %
67	117	0 – 4/4 – 5	17 %
76 / 78	96 / 98	0 – 5	17 %
96	96 / 116	0 – 5	17 %
<i>By-product spruce</i>			
12, 13	60 / 70	3 – 5	Fresh
14, 15	70 / 75 / 95	3 – 5	Fresh
17	75 / 78 / 95 / 98 / 115 / 133	3 – 5	Fresh
18	140 / 160	3 – 5	Fresh
21	95 / 115	3 – 5/5 – 6	Fresh
22, 23	78 / 100 / 120 / 125 / 145 / 150 / 175 / 200	3 – 5/5 – 6	17 %
25	100 / 125 / 150 / 190	3 – 5/5 – 6	17 %
28	98 / 140 / 150 / 180 / 200 / 210	3 – 5/5 – 6	17 %
31	120 / 145 / 160 / 210	3 – 5/5 – 6	11 %
33	150 / 170 / 190 / 210 / 230 / 250 / 275 / 290	3 – 5/5 – 6	11 %
38	175 / 195 / 215 / 235 / 255	3 – 5/5 – 6	11 %
<i>By-product PINE, pine/spruce mixed</i>			
22	100 / 120 / 145 / 200	3 – 5	17 %
25	155 / 190 / 205	3 – 5	11 %
35	150/170 mm	3 – 5/5/6	11 %

CUTTING

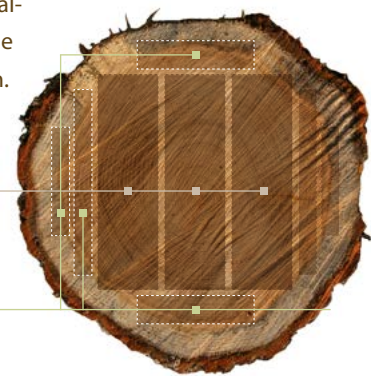
Cutting on modern link and EWD chip profiling saw lines exclusively with circular saw cut. This ensures smooth surfaces, cutting accuracy and size accuracy.



Each trunk is optimally used by our image editing optimisation.

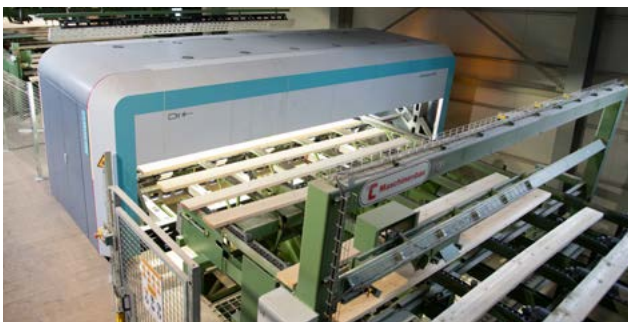
Main product

side boards



SAWN TIMBER SORTING

The sawn timber is sorted visually and directly after cutting on high-performance sorting systems by continuously trained sorting personnel, supported by modern scanner technology. Sizes are always packaged separately according to thickness, width, length and quality.



STANDARD SORTING FOR BOARDS

Depending on the intended use, we sort according to optical criteria in accordance with the German and Austrian sorting rules with always consistent quality standards.

A Sorting 0 – 3

sharp-edged, free of blueness, red stripes, cracks, infestation by worms and insects, few black branches and resin pockets, trimmed on both sides

AB Sorting 0 – 4

Mill-run, in principle sharp-edged, light blueness and light red stripes tolerated, free of rot, trimmed on both sides

B Sorting 2 – 4

Industry quality, in principle sharp-edged, blueness and nail-hard red stripes tolerated, free of rot, occasional insect infestation tolerated, trimmed on both sides

C Sorting 4 / 5

Partly tree edge, blueness, red stripes and insect infestation tolerated, trimmed on both sides

By-product/packaging material 3 / 4 / 5

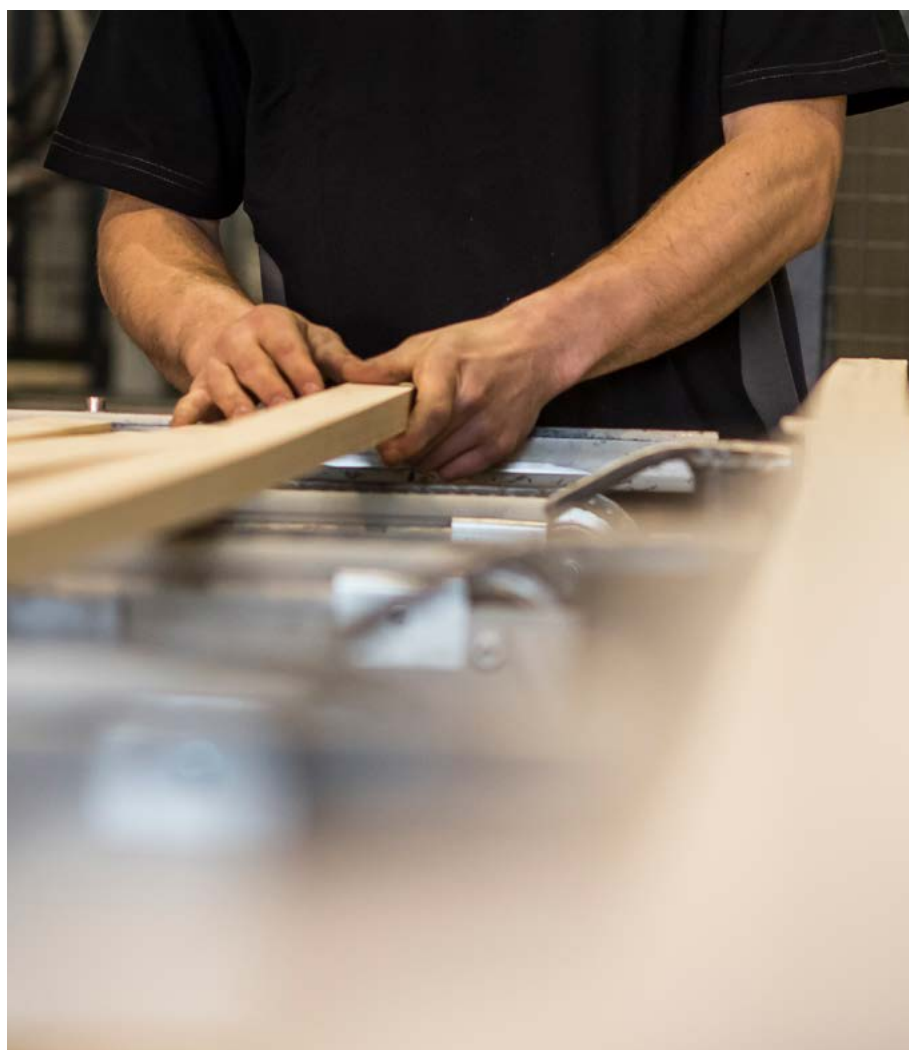
Light tree edge and slight colour defects allowed, free from worm infestation

By-product/packaging rejects 5 / 6

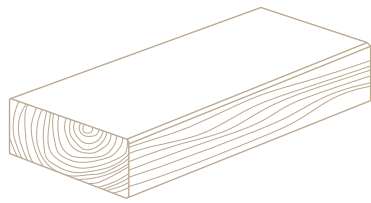
Large tree edge, occasional cracks and occasional rotten spots tolerated

WOOD DRYING

In our drying chambers, the sawn timber can be dried to the desired humidity and then sorted to the agreed quality. In doing so, each board is also checked again for wood moisture.







SAWN TIMBER

Planed goods

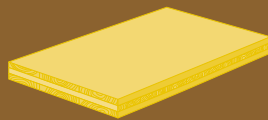
PLANED GOODS



Boards		
19x89/140/184 mm	3048/3657/4267/4877 mm	#2 Premium
(1"x 4/6/8")	10' /12' /14' /16'	#2 Premium
Lumber dimensions		
38 x 89/140/184/235/286 mm	3048/3657/4267/4877 mm	#2 Premium/MRNS
(2" x 4"/6"/8"/10"/12")	10' /12' /14' /16'	
PET		
38 x 89/140 mm	1829/1990/2134 mm (72"/75"/84")	MRNS
38 x 89/140 mm	2353/2657 mm (92 5/8", 104 5/8")	#2
CLS, C16		
38 x 89/140 mm	2400/4200/4800/5100 mm	C16
Carcassing, C24		
45x95/120/145/170/195/220/245 mm	2400/4200/4800 mm	C24

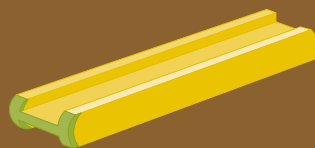


CONCRETE FORM- WORK



PAGE 52 – 55

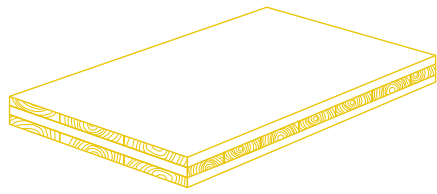
Formwork panels



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Formwork beams





CONCRETE FORMWORK

Formwork panels

FORMWORK PANELS



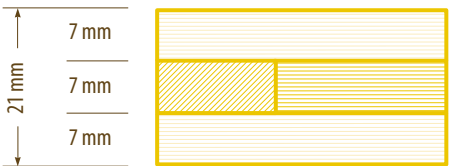
FEATURES

- Type of wood: spruce / fir
- Accurate to size and dimensionally stable
- Time and cost-saving in machining
- A long service life is guaranteed with proper treatment
- Resistant surface treatment made of melamine resin (not 1-ply)
- Suitable for construction sites for stacking with supporting timber
- Water and weather resistant according to EN 13353 (SWP/3)
- Produced according to Austrian standard B 3023 three-ply concrete formwork panel
- Light weight

CONSTRUCTION

FORMWORK PANELS (21) with edge bands

Thickness: 21 mm
Width: 500 mm
Lengths: 1500 / 2000 / 2500 mm



FORMWORK PANELS (21) with edge protection

Small formats with edge protection made of iron
Thickness: 21 mm
Width: 500 mm
Lengths: 1500 / 2000 / 2500 mm



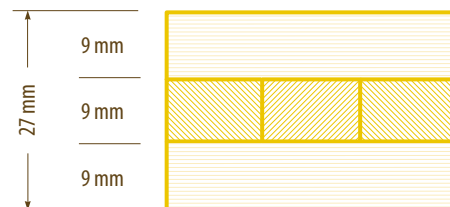
CONSTRUCTION

FORMWORK PANELS (27) without edge bands (on request)

Thickness: 27 mm

Width: 500 mm

Lengths: 1500 / 2000 / 2500 / 3000 mm

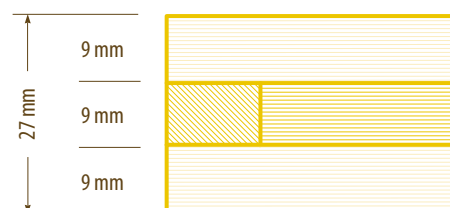


FORMWORK PANELS (27) with edge bands

Thickness: 27 mm

Width: 500 mm

Lengths: 1000 / 1500 / 1970 / 2000 / 2500 / 3000 mm

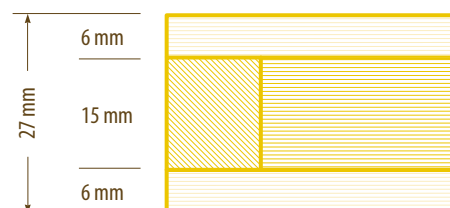


FORMWORK PANELS (27) Large formats

Thickness: 27 mm

Widths: 1000 / 2000 mm

Lengths: 1000 / 2000 / 2500 / 3000 / 4000 / 5000 mm

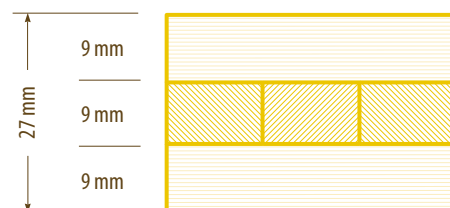


FORMWORK (27)

Thickness: 27 mm

Widths: 200 / 250 / 300 / 350 / 400 / 450 mm

Length: 3000 mm



SOLID TIMBER PANELS C20 with edge protection

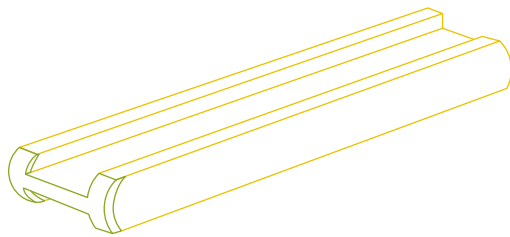
Thickness: 20 mm

Width: 500 mm

Lengths: 1500 / 2000 mm







CONCRETE FORMWORK

Formwork beam

FORMWORK BEAM

Formwork beams are designed in such a way that they are suitable for use under construction site conditions, such as, for example, the exposure to water and cement. Industrially manufactured formwork beams made of wood are intended for use in load-bearing structures and formwork, and may only be strained in the direction of the beam height.



FEATURES **PF20_{PLUS}**

- Beam ends and protective caps are rounded
- The entire front side is protected by the protective cap
- Handy, lightweight
- Shock resistant
- High dimensional stability
- Very low shrinkage
- Low risk of injury
- No glueing and no steel clips required to attach the protective cap
- Good mechanical properties of the protective cap at high and low temperatures
- The protective cap has a UV stabiliser against weathering

FEATURES **PF20**

- The beam ends are rounded
- The entire front side is protected against the influence of the weather by the special front-side glaze
- Handy, lightweight
- Shock resistant
- High dimensional stability
- Very low shrinkage
- No more risk of injury

PRODUCT FEATURES

PF20plus: End cap up to 9 m possible

PF20: Curvature with sealing up to 9 m possible – over 9 m only cut straight and sealed.

Weight: approx. 4.5 kg/lfm

Bar thickness: 27 mm

Lengths: 190, 245, 265, 290, 330, 360, 390, 450, 490, 590 cm

Special lengths up to 11.90 m

Package units: 100 pieces per package

Package dimensions (w x h): 110 x 110 (100 pieces; without underlay)

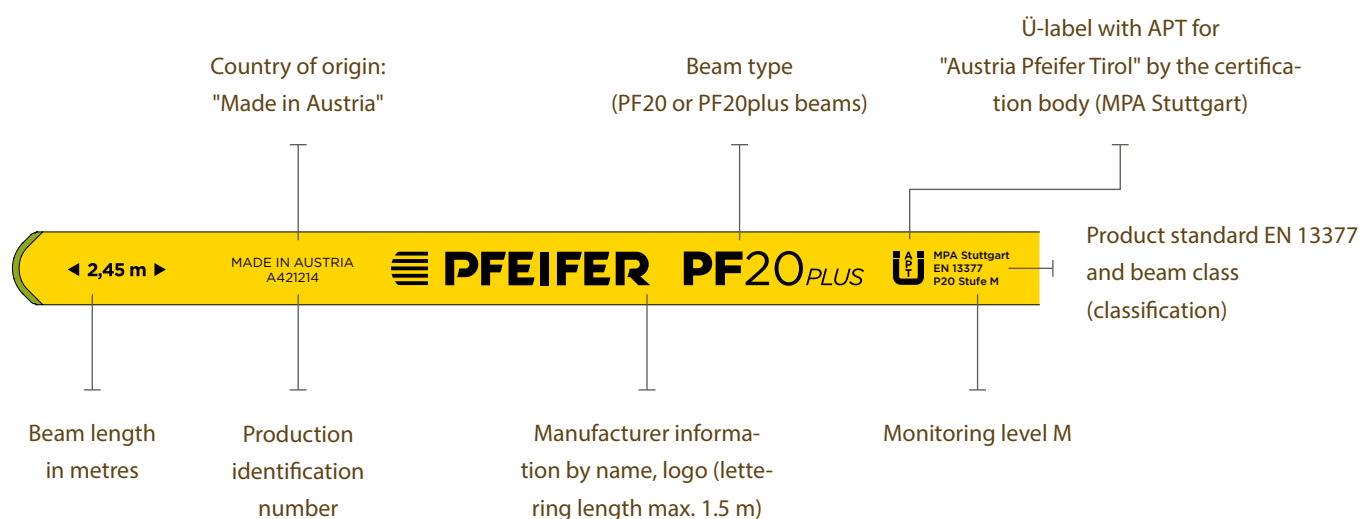
Max. number of stacks on top of each other: 2 (100 pieces)

Wood moisture: 12 +/- 2% upon delivery

Dimensional tolerances: Height H = 200 +/- 2 mm;

Length tolerance: specified length +/- 10 mm

LABEL



BEAM STACK

- Always stack beam stacks "sorted by model ", i.e., do not place PF 20 and H20 beams together in stacks
- The web thicknesses must be the same within a stack
- Edge protection is not necessary, i.e., the rounded edges are sufficient
- The floor must be as flat as possible
- The substrate must be adequately secured. Optimally, the storage areas should be concreted or paved
- With storage on asphalt, additional load distribution must be ensured by base wood
- With storage on other soils (gravel, sand, etc.), appropriate storage measures must be taken (e.g., base plates)



DIRECTIONS FOR USE

Pfeifer's PF20 and PF20plus timber formwork beams are solid wall beams and are subject to monitoring level M according to EN13377 in conjunction with DIN 20000-2.

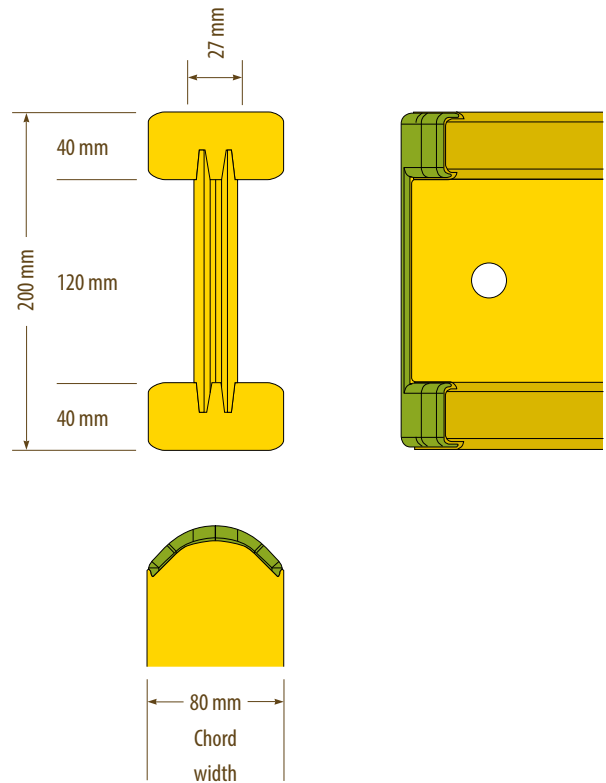
Monitoring and certification is carried out by the Materials Testing Institute of the University of Stuttgart.
Certificate of conformity Reg. No.: BWU03-0639

These instructions for use serve to explain how the formwork beams should be used. However, Pfeifer's solid wall formwork beams must be independently tested by the user for suitability for the intended purpose. Compliance with legal standards in the respective country of use is the responsibility of the user.



MAINTENANCE

- The beam should be protected from extreme weather conditions such as direct sunlight or wetness by being stored under a roof or covering. Complete wrapping of the beams should be avoided.
- Unchanging storage conditions reduce the formation of cracks and infestation by mould and fungi. After use, it should be possible to dry the beams
- The following damage prohibits the static use of beams. The beams must be replaced in case of the following:
 - Oblique cracks (crosswise to the fibre)
 - Straight cracks (parallel to the chord) with a crack width of more than 2 mm
 - Side chippings deeper than 10 mm and longer than 500 mm
 - Oblique chippings over the edge wider than 30 mm and longer than 500 mm
 - Saw cuts deeper than 2 mm
 - Drill holes (excluding system drillings)



CHARACTERISTIC LIMIT VALUES ACCORDING TO EN 13377

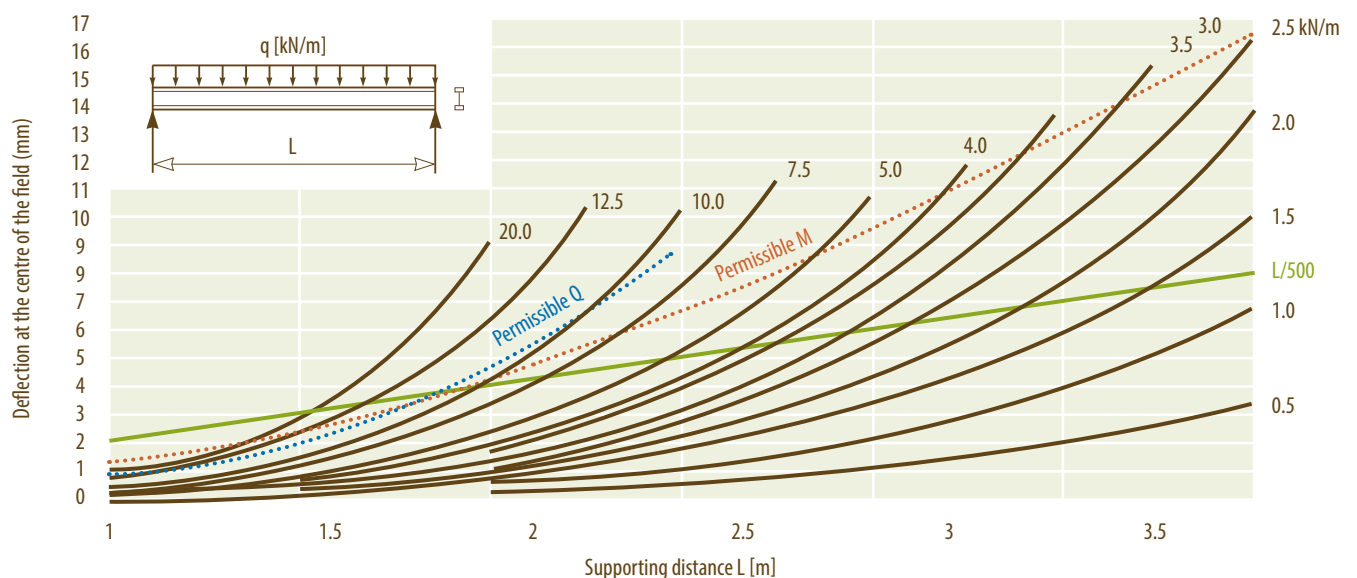
Transverse force: $V_k = 23.9 \text{ kN}$

Bending moment: $M_k = 10.9 \text{ kNm}$

Bearing resistance: $R_{b,k} = 47.8 \text{ kN}$

Stiffness: $E_I = 450 \text{ kNm}^2$

DEFLECTION OF THE FORMWORK BEAM



PERMISSIBLE LOADS FOR FULL-WALL BEAMS ACCORDING TO EN 13377

Transverse force $Q = 11 \text{ kN}$

Bearing force $A = 22 \text{ kN}$

Bending moment $M = 5 \text{ kNm}$

E-module $E_t = 450 \text{ kNm}^2$

The strength of the chords is sorted by machine

MARKING OF THE BEAM

- | | |
|--|------------------------------------|
| ≡ Beam length | ≡ Classification |
| ≡ Manufacturer information by name, logo | ≡ Monitoring level M |
| ≡ Own customer logos/labelling possible | ≡ Production identification number |
| ≡ Beam type | ≡ Country of origin |

SIZING OF CEILING TABLES

For the sizing of ceiling tables, please refer to our table with the max. permissible yoke beam, transverse beam and supporting distances. The specified cut sizes must not be exceeded at

any point on the timber formwork beams.

PROVISIONS FOR IMPLEMENTATION AND USE

- | | |
|---|--|
| ≡ Assembly of the timber formwork beams must be carried out by qualified and trained employees and in accordance with our instructions for use. | ≡ Timber formwork beams may only be used for formwork work with concrete, no other usages are permitted. |
| ≡ The permissible supporting width of PF20 and PF20plus beams must not exceed 4.0 m. | ≡ Before using the timber formwork beams, they must each time be checked by the installation company to ensure that they are in perfect condition. |
| ≡ The formwork shell must be nailed directly onto the top chord. | ≡ Damaged beams or beams that have been weakened by decay must not be used. |
| ≡ Timber formwork beams may only be used upright. In addition, these must be secured against tilting in accordance with statics requirements. | ≡ When storing the timber formwork beams, care should be taken to ensure that they are not exposed to excessive weather influences and are not stored outdoors without protection. Professional storage increases the overall service life and reduces deformation and cracks. |
| ≡ Changes to the product are not allowed and can lead to increased risk potential. | |

SIZING TABLE

Case study

given: Ceiling thickness (18 cm) + cross beam distance (75 cm)

wanted: yoke beam distance + support distance

- 1 Ceiling thickness: 18 cm
- 2 Cross beam distance: 75 cm
- 3 Permissible yoke beam distance according to Table 1 = 2.65 m
- 4 Equate or choose the next smaller yoke beam distance in Table 2 = 2.5 m
- 5 In Table 2 of column 2.5, read the permissible supporting distance depending on the ceiling thickness (18 cm): 1.36 m
- 6 Attention: the supports must be checked regarding the corresponding load capacity!

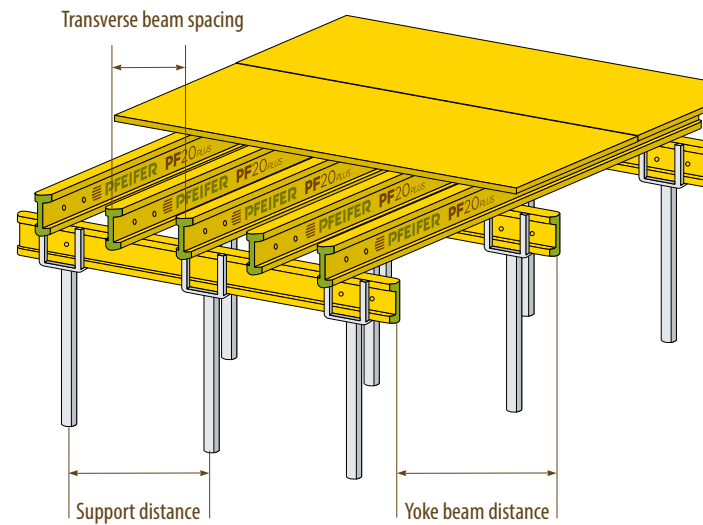


		TABLE 1				TABLE 2								
CEILING THICKNESS in cm	TOTAL LOAD kN/m ²	Transverse beam distance [m]				Yoke carrier distance [m]								
		0.50	0.63	0.67	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	3.00	3.50
		PERMISSIBLE SPAN WIDTH FOR TRANSVERSE BEAM [m]				PERMISSIBLE SPAN WIDTH FOR YOKE BEAM [m] = MAX. DISTANCE OF THE CEILING SUPPORTS								
10	4.40	3.63	3.37	3.29	3.17	2.88	2.67	2.46	2.28	2.13	2.01	1.91	1.67	1.43
12	4.92	3.43	3.19	3.12	3.00	2.72	2.53	2.33	2.16	2.02	1.90	1.79	1.49	1.28
14	5.44	3.27	3.04	2.97	2.86	2.60	2.41	2.41	2.05	1.92	1.80	1.62	1.35	1.16
16	5.96	3.14	2.92	2.85	2.74	2.49	2.31	2.12	1.90	1.83	1.64	1.48	1.23	1.05
18	6.48	3.03	2.81	2.75	2.65	2.40	2.22	2.03	1.88	1.70	1.51	1.36	1.13	0.97
20	7.00	2.93	2.72	2.66	2.56	2.32	2.14	1.95	1.80	1.57	1.40	1.2	1.05	0.90
22	7.52	2.84	2.64	2.58	2.48	2.26	2.06	1.88	1.67	1.46	1.30	1.17	0.98	0.84
24	8.04	2.76	2.57	2.51	2.42	2.19	2.00	1.82	1.56	1.37	1.22	1.09	0.91	0.78
26	8.56	2.70	2.50	2.45	2.35	2.14	1.93	1.71	1.47	1.29	1.14	1.03	0.86	0.73
28	9.08	2.63	2.44	2.39	2.30	2.09	1.88	1.62	1.38	1.21	1.08	0.97	0.81	0.69
30	9.66	2.57	2.39	2.34	2.25	2.03	1.82	1.52	1.40	1.14	1.01	0.91	0.76	0.65
35	11.22	2.45	2.27	2.23	2.14	1.89	1.57	1.31	1.12	0.98	0.87	0.78	0.65	0.56
40	12.78	2.35	2.18	2.13	2.04	1.72	1.38	1.15	0.98	0.86	0.77	0.69	0.57	0.49
45	14.34	2.26	2.10	2.04		1.53	1.23	1.02	0.88	0.77	0.68	0.61	0.51	0.44
50	15.90	2.18	2.01	1.94		1.38	1.11	0.92	0.79	0.69	0.61	0.55	0.46	0.40

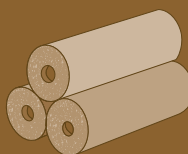
Deflection of the beams is limited to L/500. Live load is 1,5 kN/m² or 20% of the fresh concrete weight.

ENERGY



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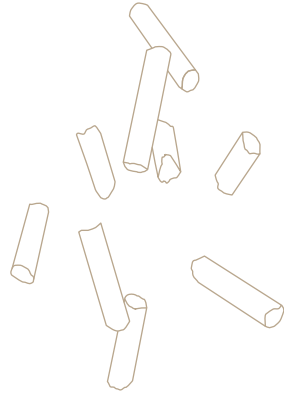
Pellets



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Briquettes





ENERGY

Pellets

PELLETS










Pfeifer's concept is exemplary for the ecological and economic utilisation of timber. Short distances for delivering round timber. We heat our power plant and generate heat and electricity with barks. The logs are processed into sawn timber, and the

sawdust produced during sawing is processed into wood pellets. These burn CO₂-neutrally and thus actively contribute to climate protection.

FEATURES

ADVANTAGES

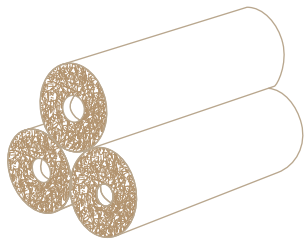
Length: 5 to 40 mm Diameter: 6 mm		Ideal for automatic fuel transportation
High compaction, no cracks		Guarantees trouble-free and easy operation of the heating system
High energy value: ~4.9 kWh/kg (2 kg pellets = approx. 1 litre of heating oil)		High energy yield, good price-performance ratio
Residual moisture: < 8%		Minimum polluting emissions, low heating costs and environmentally friendly heating
Bulk weight: > 650 kg/rm (6 tonnes in 8m³ storage room)		Saves storage space and transport costs
Ash content: < 0.7%		For even more heating comfort
Tested according to ENplus A1		High application reliability, consistently high quality with every delivery and from all plants

PACKAGING

- ≡ Bags up to 15 kg
- ≡ Big bags up to 1,000 kg
- ≡ loose







ENERGY

Briquettes

BRIQUETTES



An environmentally conscious alternative and intelligent way of heating is by means of briquettes. Recycled from sawdust

from the timber industry, briquettes provide environmentally friendly heat in a modern oven.

FEATURES

- Low in pollutants and emissions
- Ecologically sensible and economically recommended
- Burns almost without smoke
- Without binders or additives
- Briquettes can be packed, stacked and stored cleanly in the smallest of spaces
- Each briquette has the same size, the same dryness and the same high energy value
- The round shape of briquettes with their distinctive hole in the middle ensures an optimal combustion process
- Protect briquettes from moisture during transportation and storage
- The compacted chips expand during heating.
We recommend breaking up the briquettes twice or thrice

TECHNICAL DATA

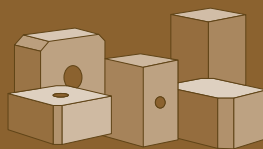
- Briquettes comply with ÖNORM EN ISO 17225-3 and DIN PLUS
- Austria quality mark
- Energy value: > 4.9 kWh/kg (2 kg briquettes = 1 litre of heating oil)
- Residual moisture 8%
- Dimensions: Diameter: 92 mm, length ~ 29 cm, diameter of the hole in the middle: 22 mm

PACKAGING

- Packet up to 10 kg
- A100 packets 10 kg = 1,000 kg = 1 pallet

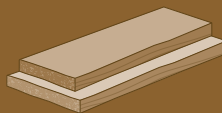


PALLET BLOCKS & PACKAGING WOOD



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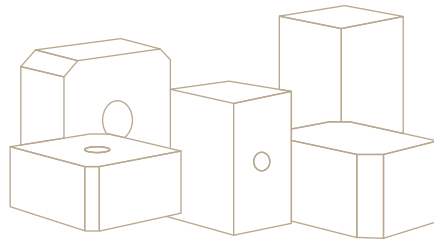
Pallet blocks



PAGE 80 – 83

Packaging timber





PALLET BLOCKS & PACKAGING TIMBER

Pallet blocks

PALLET BLOCKS



MATERIAL

The base materials are natural coniferous wood and recycled waste wood chips. When the glued chips are pressed under high pressure and high temperature, a homogeneous, high-quality timber-based material is produced. Pallet blocks with the advantages of boards made of grown timber (deflection and elasticity) give you high-quality pallets.

QUALITY

EUROBLOCK pallet blocks are manufactured according to strict quality criteria and production is monitored by SGS. Due to major product and application advantages, EUROBLOCK pallet blocks have been approved by EPAL, essential rental pools and many large end-users.

EXPORT REGULATIONS

EUROBLOCK pallet blocks are considered to be "no-solid wood" and do not have to undergo any special treatment. See "no-solid wood" statement on: euroblock.com

KEY BENEFITS



- No cracking
- Low storage space requirement
- Low repair intervals



- Great nail extraction resistance
- Higher service life
- Consistent quality



- Very good operational reliability in automated pallet production and in computer-controlled high-bay warehouses
- Ready for installation
- Improved productivity
- No investment for cutting and planing systems
- No waste, no rejects



- No drying costs – the residual moisture content after production is approx. 10%.
- Size accuracy with constant humidity
- Form stability in the event of temperature fluctuations



- Environmentally friendly wood product made of natural coniferous wood chips and/or waste wood/recycled material
- Free of CFCs
- Biodegradable



- "No-solid-wood" material within the meaning of international regulations for the treatment of wood packaging – ISPM 15
- No SIREX treatment required
- No mould or insect infestation

Euroblock pallet blocks made of chipboard – for pallets and timber packaging of all kinds. Special heights from 60 – 120 mm on request.



Pallet blocks with squared corners

WIDTH x LENGTH in mm	STANDARD HEIGHT in mm	DRILL HOLE in mm
100 x 145	78 / 75 / 90 / 95 / 100	- / 32
145 x 145	78 / 90 / 100	- / 40
(EUR) / EPAL	78 Repair block with dot	- / 32
70 x 70	70 / 75 / 78 / 82 / 85 / 90 / 95	
75 x 75	75 / 78 / 85 / 90 / 95 / 100	
73 x 90	75 / 78	
75 x 95	75 / 78 / 90 / 95	
75 x 115	78 / 75 / 90 / 95	
75 x 133	78 / 75 / 90 / 95	18
90 x 90	70 / 75 / 78 / 85 / 90 / 95 / 100	
78 x 98	90 / 95	20
78 x 118	90 / 95	20
78 x 133	90 / 95	- / 20
90 x 135	70 / 75 / 78 / 85 / 90 / 95 / 100	
93 x 115	78	26
95 x 95	75 / 78 / 90 / 95 / 100	- / 20
95 x 138	65 / 78 / 90 / 95	32
95 x 160	78 / 95	



CP pallet blocks

WIDTH x LENGTH in mm	STANDARD HEIGHT in mm	DRILL HOLE in mm
78 x 98	78 / 75	20
78 x 118	78 / 75	20
78 x 133	78 / 75	- / 20

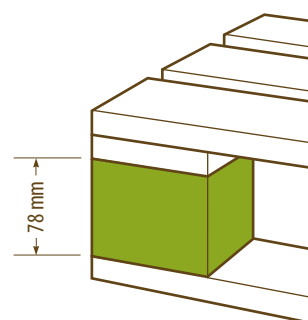


Paper pallets blocks

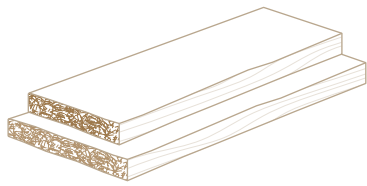
WIDTH x LENGTH in mm	STANDARD HEIGHT in mm	DRILL HOLE in mm
75 x 50	78 / 90 / 95	—

READ THE DIMENSIONS
CORRECTLY

78 x 98 x 78
Width Length Height







PALLET BLOCKS & PACKAGING TIMBER

Packaging timber

PACKAGING TIMBER



UNTERBERNBACH DELIVERY PLANT

Spruce – fir – pine

*Fresh and artificially dried,
on request*

THICKNESS x WIDTH (STANDARD) in mm	LENGTH in m
12 x 70	2.50 – 5.00
16 x 70	2.50 – 5.00
16 x 90	2.50 – 5.00
17 x 78	2.50 – 5.00
17 x 98	2.50 – 5.00
17 x 115/135	2.50 – 5.00
18 x 89/130	2.50 – 5.00 *
18 x 140/160/180	2.50 – 5.00 *
21 x 95	2.50 – 5.00 *
22 x 100	2.50 – 5.00 *
22 x 145	2.50 – 5.00 *
25 x 100	2.50 – 5.00 *
75 x 90	2.50 – 5.00 *
76 x 96	2.50 – 5.00 *

UELZEN DELIVERY PLANT

Pine

*Fresh and artificially dried, on request,
blueness protection treatment possible*

THICKNESS x WIDTH (STANDARD) in mm	LENGTH in m
12 x 70	2.00 – 2.40
14 x 70	2.00 – 2.40
15 x 75	2.00 – 2.40
17 x 78	2.00 – 2.40
17 x 98	2.00 – 2.40
17 x 118	2.00 – 2.40
17 x 133	2.00 – 2.40
22 x 78	2.00 – 2.40
22 x 98	2.00 – 2.40
22 x 143	2.00 – 2.40
22 x 200	2.00 – 2.40
76 x 76	2.00 – 2.40
78 x 98/143	2.00 – 2.40
90 x 90	2.00 – 2.40

LAUTERBACH DELIVERY PLANT

Spruce – fir – pine

*Fresh and artificially dried on request,
blueness protection treatment possible*

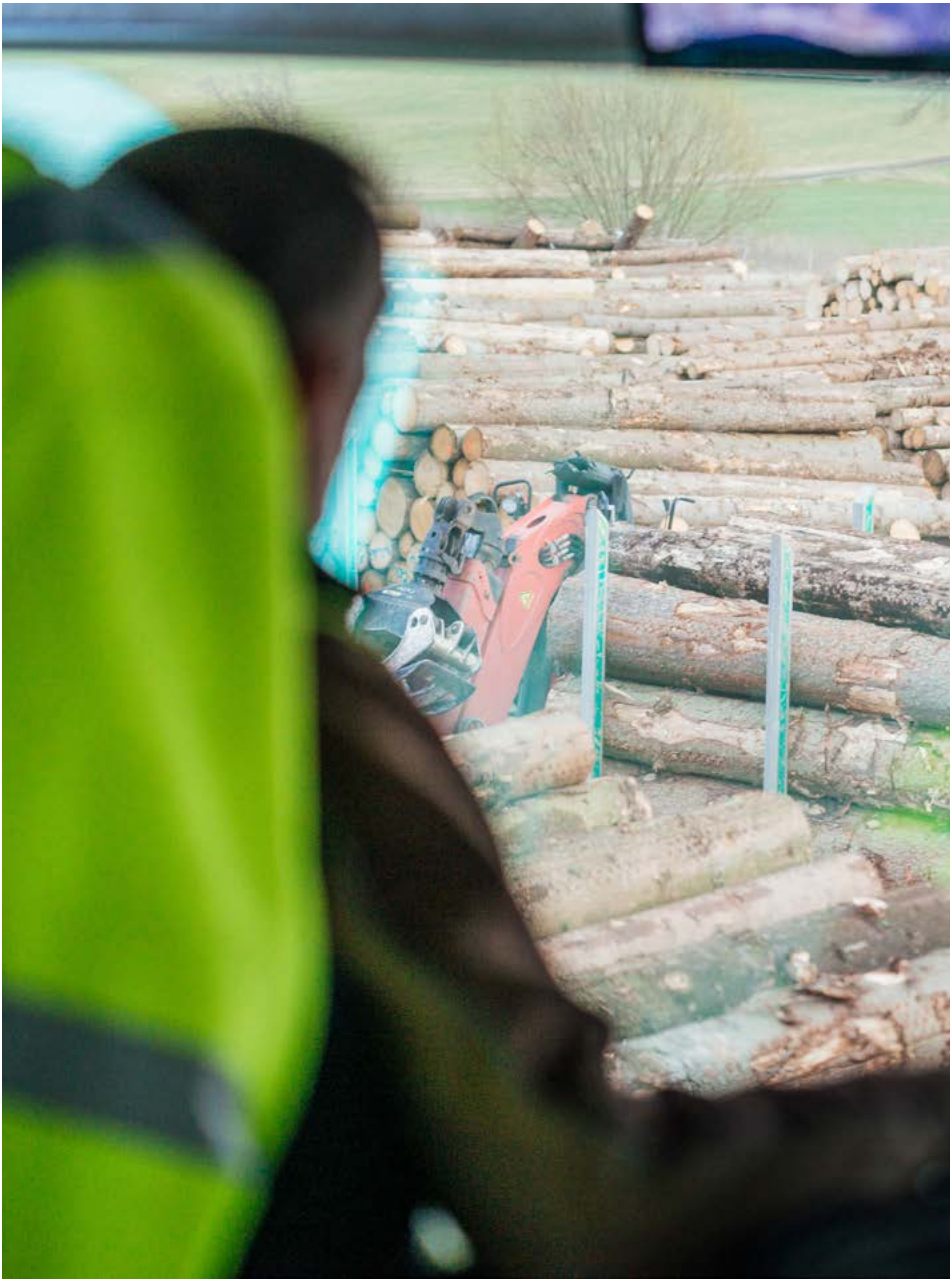
THICKNESS x WIDTH (STANDARD) in mm	LENGTH in m
12 x 70	2.00 – 5.00
14 x 75	2.00 – 5.00
14 x 95	2.00 – 5.00
17 x 78	2.00 – 5.00
17 x 98	2.00 – 5.00
17 x 115/133	2.00 – 5.00
22 x 100	2.00 – 5.00 *
22 x 120	2.00 – 5.00 *
22 x 145	2.00 – 5.00 *
25 x 100,125	2.00 – 5.00 *
75 x 95	2.00 – 5.00 *
78 x 78	2.00 – 5.00 *
78 x 98	2.00 – 5.00 *
96 x 96	2.00 – 5.00 *

* dry also available

CUT

Long or fixed cut, e.g., 800/1000/1140/1200 etc.

Special cuts as well as a variety of other sizes are available on request.



BEDDING



BEDDING



For a litter of wood chips with a large volume, Pfeifer Timber Span is just the right choice. The box stays bright and pleasant for a long time, and your barn is filled with the scent of fresh wood. Due to its purity and the sifting out of all fine components, this product is particularly suitable for horses that react

to dust. The wood chips offer a high volume and excellent absorbency. A bale weighs 25 kg and corresponds to a litter volume of approx. 600 litres.

DETAILS

- Pure spruce and fir chips
- Free of chemical additives
- Free of dust
- High absorbency and large litter volume
- Wood chips absorb moisture very well and have a pleasant smell
- Humidity: max. 12%

PACKAGES

- Bale size and weight: 80 x 40 x 40 cm; 25 kg
- Package volume: 135 l
- Litter volume: 600 l
- Delivery by disposable pallets
- One lorry's worth corresponds to 32 pallets with 15 bales each = 480 bales = 12,000 kg
- Pallet height (incl. bales) approx. 2.8 m



CERTIFICATES AND CURRENT PRODUCT INFORMATION

What our customers trust in

CLT Cross laminated timber



Certificates



Product page

Glulam timber



Certificates



Product page

Single- and three-ply solid timber panels



Certificates



Product page

Sawn timber



Certificates



Product page

Tongue boards & slats



Certificates



Product page

Formwork panels



Certificates



Product page

Formwork beams



Certificates



Product page

Pellets



Certificates



Product page

Briquettes



Certificates



Product page

Pallet blocks



Certificates



Product page

Packaging timber



Certificates



Product page

Planed goods



Certificates

Construction timber



Currently no certificates available. Please scan QR code for ongoing updates.

Bedding



Currently no certificates available. Please scan QR code for ongoing updates.

CONTACT

We will be happy to help.

Pfeifer Timber GmbH

Fabrikstrasse 54
A-6460 Imst

Tel. +43 5412 6960 0
Fax +43 5412 6960 200

info@pfeifergroup.com
www.pfeifergroup.com

Site notice

EDITOR

Pfeifer Timber GmbH
Fabrikstrasse 54
A-6460 Imst

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