PFEIFER



TIMBER
CONSTRUCTIVE
SOLUTIONS

MHP

Solid wood panels

pfeifergroup.com

FACTS

Capacity & capability

The Pfeifer Group started producing single and three-ply panels at the Imst location in 1985. The products offer great solutions in modern furniture construction, interior design and timber construction. The foundation for our high-quality wood panel products is a combination of exact wood drying methods and highest selection standards.
With a production capacity of approximately 2,5 million m², wood panels we are amongst Europe's leading manufacturers.

Quality

Modern and environmentally friendly processing methods as well as systematic quality controls starting with the log to the finished product guarantee a consistent and high quality standard. Furthermore, the external quality control is handled by the institute EPH Dresden, which continuously monitors our production.

Environment

We harvest our timber from sustainably managed forests. The use of wood binds the harmful greenhouse-gas CO_2 long term and thus has a strong emission-reducing effect.

Logistics

Our products are available in 89 countries around the world, and we therefore have a well-established logistical network.

Storage and processing

Please note the correct way of storing and processing single and three-ply panels: Regardless of the above mentioned advantages, it must be remembered that the products consist of single and layered solid wood. This natural material never stops adjusting to the surrounding environment. The wood could, for example, absorb moisture, which could influence original shape and dimension.
The panels must therefore be properly stored, and the properties of solid wood must also be considered when designing furniture.
The possible shifts in the material are kept to a minimum when the product is stored in even and not too dry room climate. Small surface cracks and light shifts are still possible. This is to be expected in living, natural materials, and it is not the result of manufacturing errors.

* Only labeled products are PEFC or FSC® certified.

CE

Holzindustrie Pfeifer GmbH & Co. KG
6460 Imst/Tirol Österreich
DIN 1052:2008
MPA

PEFC
PEFC/06-32-273
PEFC Certified
This product is from sustainably managed forests and controlled sources
www.pefc.org

FSC
100%
FSC® C019641

THREE-PLY PANELS



- **Wood moisture: 8 +/- 2 % at delivery**
- **Middle layers: glued transverse middle layer approx. 35 mm thick**
- **Surface layers: 89 to 136 mm wide**
- **Surface: untreated, both sides sanded (K 80)**
- **Bulk density: approx. 450 kg/m³**
- **Emission category: E1, formaldehyde content ≤ 0,01 ppm verified**
- **Gluing: verified as per EN 13354 SWP/3 (glue resistant to boiling water)**
- **CE certification: as per EN 13 986:2002, EPH Dresden**

Features

- **Solid:** retains form and size due to expert bonding methods of transverse layers
- **Standardized:** high availability due to standardized formats and qualities
- **Natural:** makes for comfortable and pleasant room climate
- **Resistant:** minimal cracking due to expert drying (8 % +/- 2 %) and processing of surface and middle layers
- **Esthetic:** even surface structures through careful selection
- **Strong:** light material with high load capacity
- **Versatile:** easy to process and can be used in many ways

Quality description (one-ply and three ply panels)

Quality A: Surface sanded, free from cracks and joints, healthy fully grown branches, single black or black-edged knots up to a maximum of 20 mm diameter, patches admissable on the blacks knots, free from pith (except for isolated ones), healthy wood, staining and fungal infestation not permitted, almost box-free (light box allowed).

Quality B: Surface sanded, free from joints, single fine cracks admissible, black and patchy knots admissible (but no accumulations), isolated pith admissible. Resin galls up to 5 x 50 mm, light box, small isolated bark ingrowths up to about 1,5 cm are admissible.

Quality C: Surface sanded, knotholes repaired, small joints may occur in individual panels (max. 2-3mm), otherwise no particular quality requirements.

THREE-PLY PANELS

European spruce							
Quality	AB/B	B/C	B/K	C/C	C/K	pcs./packet	structure
Dimension	5.000 x 1.025 / 5.000 x 2.050 mm						
16 mm	X	X	X		X	35	4/8/4
19 mm	X	X	X	X	X	30	6/7/6
22 mm		X	X	X	X	25	6/10/6
27 mm[1]	X	X	X	X	X	21	9/9/9
32 mm		X	X	X	X	17	9/14/9
42 mm		X	X	X	X	13	9/24/9
50 mm		X	X	X	X	11	9/32/9
60 mm		X	X	X	X	9	14/32/14
Dimension	5.000 x 1.250 / 5.000 x 2.500 mm						
19 mm		X	X	X	X	30	6/7/6
27 mm[1]		X	X	X	X	21	9/9/9
42 mm		X	X	X	X	13	9/24/9
50 mm		X	X	X	X	11	9/32/9
60 mm		X	X	X	X	9	14/32/14
Dimension	6.000 x 1.025 / 6.000 x 2.050mm						
19 mm		X	X	X	X	25	6/7/6
27 mm		X	X	X	X	18	9/9/9
42 mm		X	X	X	X	11	9/24/9
50 mm		X	X	X	X	9	9/32/9
60 mm		X	X	X	X	8	14/32/14
Dimension	6.000 x 1.250 / 6.000 x 2.500 mm						
19 mm		X	X	X	X	25	6/7/6
27 mm		X	X	X	X	18	9/9/9
42 mm		X	X	X	X	11	9/24/9
50 mm		X	X	X	X	9	9/32/9
60 mm		X	X	X	X	8	14/32/14

[1] Diemsnion 27 mm, top layer 6 mm only from plant lmst psossible

X not in stock, order-related production

Larch							
Quality	AB/C					pcs./packet	structure
Dimension	5.000 x 2.050						
19 mm	X					30	6/7/6
27 mm	X					21	9/9/9
Dimension	6.000 x 2.050[2]						
19 mm	X					25	6/7/6
27 mm	X					18	9/9/9
Dimension	6.000 x 2.500[2]						
19 mm	X					25	6/7/6
27 mm	X					18	9/9/9

[2] on request

SINGLE-PLY PANELS



European spruce						
Quality	A	AB	B	BC	C	pcs./packet
Dimension	5.000 x 1.025 / 1.230 mm					
14 mm	X	X	X	X	X	40
18 mm	X	X	X	X	X	30
21 mm	X	X	X	X	X	26
24 mm	X	X	X	X	X	23
27 mm	X	X	X	X	X	21
34 mm	X	X	X	X	X	16
42 mm	X	X	X	X	X	13

- **Wood moisture: 8 +/- 2 % at delivery**
- **Slat width: 45 to 98 mm**
- **Surface: untreated, both sides sanded (K 80)**
- **Bulk density: approx. 450 kg/m^3**
- **Emission category: E1**
- **CE certification: as per EN 13 986:2002, non-load bearing purposes**

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Sawn timber | Solid wood panels | Glulam | CLT Cross laminated timber | Formwork beams Shuttering panels | Pellets Briquettes | Pallet blocks

At the heart of Europe AND THE WORLD

