

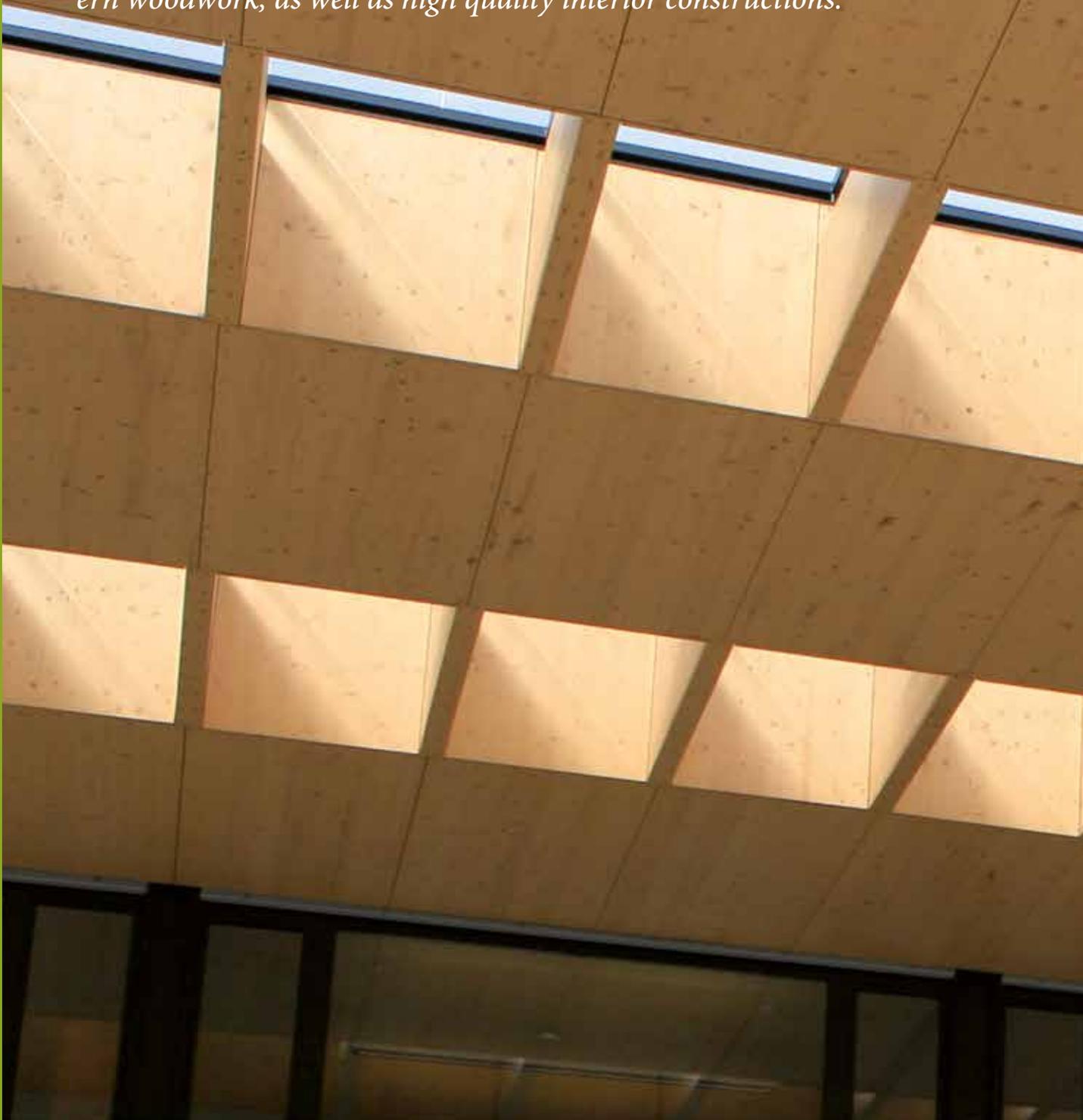


Passion for timber

SINGLE- & THREE-
PLY PANELS

PHILOSOPHY

Wood is the construction material with the longest tradition in the building industry. Wood is once again en vogue because of the modern development of the material as well as the ever-present themes like the environment, sustainability and energy-efficient construction. Our single-ply panels are especially versatile and offer great solutions for modern woodwork, as well as high quality interior constructions.



SINGLE-PLY PANELS



Product range

- ≡ Length: 5000 mm
- ≡ Width: 1000 mm, 1230 mm, 2000 mm
- ≡ Quality: A, AB, B, BC, C
- ≡ Thickness: 14 mm, 18 mm, 21 mm, 24 mm, 27 mm, 34 mm, 42 mm
- ≡ Wood moisture: 8 +/- 2 % at delivery
- ≡ Slat width: 45 to 98 mm
- ≡ Surface: untreated, both sides sanded (K 80)
- ≡ Bulk density: approx. 450 kg/m³
- ≡ Emission category: E1
- ≡ CE certification: as per EN 13 986:2002, non-load bearing purposes

Quality description

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 admissible on the black 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.

Delivery options

Thickness in mm	Quality	Package units
14*	A, AB, B, BC, C	32 pieces
18	A, AB, B, BC, C	25 pieces
21	A, AB, B, BC, C	23 pieces
24	A, AB, B, BC, C	20 pieces
27	A, AB, B, BC, C	17 pieces
34	A, AB, B, BC, C	14 pieces
42	A, AB, B, BC, C	12 pieces

* The 14-mm thickness is only available with a width of 1230 mm

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 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 CO₂ long term and thus has a strong emission-reducing effect.

Logistics

Our products are available in more than 75 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.



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At the heart of Europe
AND THE WORLD



Sawn & planed timber



Glulam



Formwork beams & shuttering panels



Pellets & briquettes



Pallet blocks