

ALFA

Laubholzplatten

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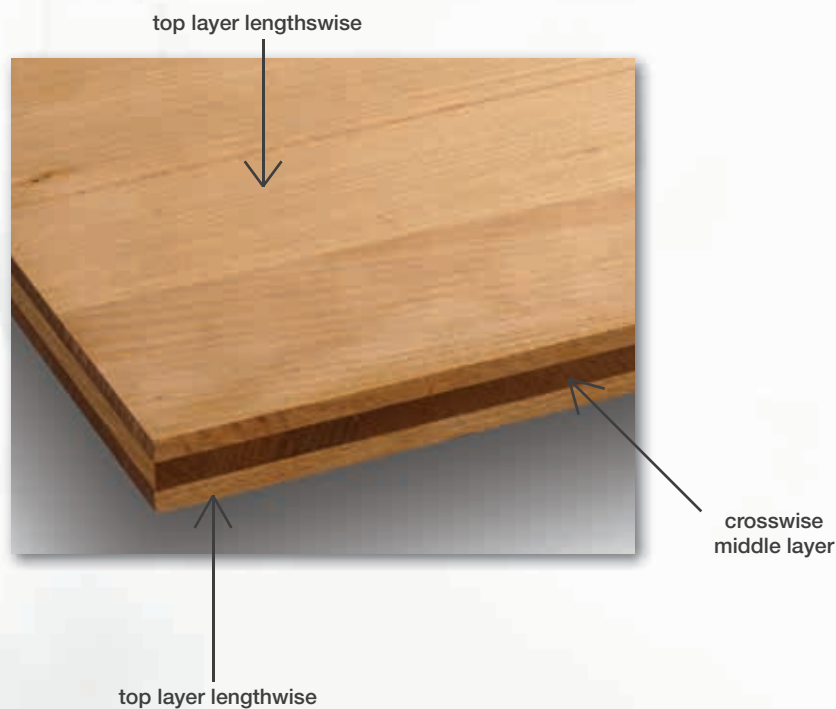


3-layer hard wood panels

Description:

ALFA hard wood panels are all about natural material and are bonded with formaldehyde-free glue. These panels are produced conforming to standards EN 204 and EN 205. The middle layer, except in fruitwood species, is the same type of wood as the top layer. However a homogenous central layer (such as alder) can be added if the technical specification requires it. This is particularly for fronts, to obtain better stability.

The 3-layer panel consists of three solid wood layers glued together crosswise. The layers, which are each rotated through 90°, enable what is known as a blocking effect and the individual layers can no longer work unhindered.



Description of sorting and quality:

ALFA solid wood panels are sorted into two categories according to quality.

Quality category A

- perfect front quality
- sorted by colour
- with sound pin knots, 3 Stk./m²
- matching colours with slight nuances, which give the wood its natural look

Quality category B

- sound pin knots
- matching colours
- repaired patches with max. 30 mm Ø, 4 Stk./m²
- coloured core permitted
- small black knots up to 10 mm, 8 Stk./m²

The lamellas are sorted by colour before production. However, naturally occurring deviations in colour, which are mainly visible after surface treatment, cannot be excluded.

Our types of wood

wood type	origin	lamella width in mm
European Maple	Austria	103
Birch	The Baltic	95
Steamed beech	Austria / Germany	103
Steamed beech heartwood	Austria / Germany	103
Oak	South East Europe	103
Rustic oak	South East Europe	103
Wild oak	South East Europe	103
Alder	Hungary, Poland	95
Ash	South East Europe	103
Steamed ash heartwood	South East Europe	103
Hard Maple	USA	95
Steamed robinia	Hungary	95
Apple tree	Austria / Germany	58
Steamed pear wood	Austria / Germany	65
Steamed european cherry	South East Europe	65
Plum wood	Austria / Germany	58
Steamed nut standard	South East Europe	65
Steamed textured nut	South East Europe	65
Steamed rustic nut	South East Europe	103
Steamed nut without sapwood	South East Europe	65

Storage / The right procedure before processing / installation conditions:

Please always store on a horizontal surface, which supports the entire package. The package must be covered and the indoor temperature in the warehouse and/or production hall must not exceed or fall below 18-23°C and the humidity must not exceed or fall below 30-55 %. During storage and processing it is essential to ensure a consistent climate. The ventilation of the room is very important.

Complaints arising from inappropriate storage or processing on the part of the customer will not be accepted.

1. Upon delivery, separate the panel from the film
2. Store horizontally - the panel must be free on both sides- acclimatise for 48 hours using underlay slats.
3. Always treat both surfaces with the same finishing procedure
 - same finishing treatment
 - same processing, sanding, routing
4. The right panel for the right purpose!
The panel must be expertly selected and processed! For example: for tall cabinet doors, use an Alfa panel with a thinner outer layer (3.5 mm) and solid edging to prevent warping. These are solid wood panels and react naturally to environmental influences. Attention must be paid to the climatic conditions for the installed panel. Extreme climatic conditions (e.g. very dry or humid air) must be avoided, or warping must be guarded against through design measures.

Packaging:

Standard sized 3-layer panels are individually wrapped in heat-sealed polythene. The panels are stacked on pallets, covered with cardboard and wrapped with an outer layer of film, before banding.

Complaints:

The panels must be inspected before processing. Complaints after processing of panels will not be accepted, any costs incurred during processing will not be compensated. In the event of justified complaints, only the panel material will be replaced.

3-layer solid wood panels „Standard“

- Standard sorting A/B
- Formaldehyde-free D3 adhesive
- wood moisture 8 % ± 2 %
- Suitable for indoor use only!
- Surface finishing on both sides grit 80
- unfinished sawn edges



Cover layer thickness: 5 mm

Standard width: 1220 mm

Thicknesses: 20 | 26 | 31 | 40 mm

Wood type	Lengths in mm
European maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Birch	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Steamed beech / Steamed beech heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Oak / Rustic oak / Wild oak	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Alder	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Ash / Steamed ash heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Hard Maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400

Wood type	Lengths in mm
Apple tree	500, 600, 700, 800
Steamed pear wood	600, 700, 800, 900
	1000, 1200, 1400, 1600
	1800, 2050, 2200
Steamed european cherry	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
steamed nut standard / steamed textured nut / steamed rustic nut *	600, 700, 800, 900
	1000, 1200, 1400, 1600
	1800, 2050, 2200, 2400
plum wood **	400, 500, 600
	700, 800

As standard, middle layer is wood type alder.

* Steamed nut without sapwood is also available.

** Please note: Cracks may occur in plum wood, as this wood type is very brittle!

As standard, middle layer is the same wood type as the cover layer.

3-layer solid wood panels „Ministar“

- Standard sorting A/B
- Formaldehyde-free D3 adhesive
- wood moisture 8 % ± 2 %
- Suitable for indoor use only!
- Surface finishing on both sides grit 80
- unfinished sawn edges



Cover layer thickness: 3,5 mm

Standard width: 1220 mm

Thicknesses: 16 | 20 | 26 | 31 | 38 mm

Wood type	Lengths in mm
European maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Birch	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Steamed beech / Steamed beech heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Oak / Rustic oak / Wild oak	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Alder	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Ash / Steamed ash heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Hard Maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Steamed robinia	1200, 1400, 1600, 1800
	2050

Wood type	Lengths in mm
Steamed european cherry	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
steamed nut standard / steamed textured nut / steamed rustic nut *	600, 700, 800, 900
	1000, 1200, 1400, 1600
	1800, 2050, 2200, 2400

As standard, middle layer is wood type alder.

* Steamed nut without sapwood is also available.

As standard, middle layer is the same wood type as the cover layer.

3-layer solid wood panels „Strong“

- Standard sorting A/B
- Formaldehyde-free D3 adhesive
- wood moisture 8 % ± 2 %
- Suitable for indoor use only!
- Surface finishing on both sides grit 80
- unfinished sawn edges



Cover layer thickness: 6,5 mm

Standard width: 1220 mm

Thicknesses: 21 | 26 | 31 | 41 mm

Wood type	Lengths in mm
European maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Birch	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Steamed beech / Steamed beech heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Oak / Rustic oak / Wild oak	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Alder	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Ash / Steamed ash heartwood	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
Hard Maple	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400

As standard, middle layer is the same wood type as the cover layer.

Wood type	Lengths in mm
Steamed european cherry	800, 1000
	1200, 1400, 1600, 1800
	2050, 2200, 2400
steamed nut standard	600, 700, 800, 900
	1000, 1200, 1400, 1600
	1800, 2050, 2200, 2400

As standard, middle layer is wood type alder.



Certified environmental management

The aim of EMAS is the continuous improvement of operational environmental protection. With the help of EMAS, ecological and economic weaknesses in organisations can be eliminated and materials, energy and thus costs can be saved.



Austrian Ecolabel

The Austrian Ecolabel is a seal of quality awarded by the Austrian Ministry of Life to tourist and manufacturing companies, as well as to schools and other educational establishments. It serves as a guarantee of environmentally friendly products and services.



ISO 14001 certification

The international environmental management standard ISO 14001 defines requirements for environmental management systems. Core themes are operational environmental policy, environmental targets and an environmental programme intended to help achieve both ecological and economic company targets.



ISO 9001 certification

ISO 9001 is an internationally recognised quality management standard, which sets out which organisational measures the management of a company must take in order to control the development, implementation and efficacy of quality management in such a way as to fulfil customer requirements and/or increase customer satisfaction.



„Austria“ symbol

The Austria symbol is a strong brand, which has stood for the Austrian economy and the Austrian origin of products and services both domestically and abroad for over 30 years. The Austria „A“ mark stands for the quality and innovation of Austrian products.



Zone Verte Excell

The „Zone Verte Excell“ certificate guarantees that the ambient contamination from the materials used, which is at most very minor, has no detrimental effect on people's senses and does not present any risk to human health or quality of life.



ISO 50001 certification

ISO 50001 sets out requirements for energy management systems in order to continually improve energy related performance (energy efficiency).
(Testing and annual certification carried out by SGS Austria Control).



OHSAS 18001 certification

OHSAS 18001 sets out requirements for occupational health and safety management systems in order to safeguard the health of employees in the workplace and to prevent work-related accidents, injuries and illnesses.
(Testing and annual certification carried out by SGS Austria Control).

