

The vast spectrum of WISA-Craft plywood

WISA-Craft is a birch plywood made from ultra thin veneers. It comes in a variety of grades, designed and manufactured for various purposes.

Thin veneer plywood possesses many quality features including lightness, hardness, good bending properties and workability as well as an attractive surface and suitability for food packaging.

WISA-Craft GL I
WISA-Craft GL II

WISA-Craft Quality I /
furniture quality

WISA-Craft Quality II
WISA-Craft Quality III

WISA-Craft Customer
qualities



WISA-Craft GL I

Classified thin veneer plywood, so-called aircraft plywood for technically challenging end uses. Marked sheets are available only in pressed sizes.

WISA-Craft GL II

Classified thin veneer plywood for demanding use, in which the surface remains visible: musical instruments, light fixtures, boats, scale models, furniture, ornaments and so on.

Thickness	Length x width
0,6 - 12 mm	1550 x 1550 mm
	1525 x 1525 mm
	1500 x 1500 mm
	1270 x 1270 mm
	1220 x 1220 mm

Thickness	Length x width
0,6 - 12 mm	1550 x 1550 mm
	1525 x 1525 mm
	1500 x 1500 mm
	1270 x 1270 mm
	1220 x 1220 mm

Quality class GL I
1550 x1550 mm and 1270x1270 mm.
Number of plies according to Germanischer Lloyd standard.
Phenolic resin glue.
Free from all technical defects.
Permitted are defects closer than 30 mm to the edge of the veneer and one set of sound knots not up to 6 mm.
Classification: Germanischer Lloyd or Bureau Veritas.

Quality class GL II
Number of plies according to Germanischer Lloyd standard.
Phenolic resin glue.
A rectangular piece of the half board size shall comply with the requirements of GL I and of the quality GL I, as shall 2/3 of the entire area.
Knots permitted: max. 10 mm open in two rows.
Minimum distance between faults 200 mm. Defective joints, splits and overlaps are permitted if they comply with the above-mentioned location and distance requirements.



WISA-Craft Quality I / furniture quality

Free from technical and colour defects. Straight and even grain. Furniture, wall panels, doors, interior ceiling, decoratively demanding interior elements.

WISA-Craft quality II

Thin veneer plywood for demanding use, in which the surface remains visible: musical instruments, light fixtures, boats, scale models, furniture, ornaments and so on.

WISA-Craft quality III

Factory quality classified thin veneer plywood, which is suitable for products such as toys, scale models, sports gear, gun stocks, decorations, business gifts and products that are pressed to shape and require extreme strength; saddles, coats, dashboards and other car interior products.

WISA-Craft customer qualities

WISA-Craft thin veneer plywood can also be tailor made to customer requirements.

Thickness	Length x width
0,4 - 1,2 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 12,0 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 2,5 mm	1550 x 2440 mm 2440 x 1550 mm 1550 x 2100 mm 2100 x 1550 mm spliced surfaces

Thickness	Length x width
0,4 - 1,2 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 12,0 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 2,5 mm	1550 x 2440 mm 2440 x 1550 mm 1550 x 2100 mm 2100 x 1550 mm spliced surfaces

Thickness	Length x width
0,4 - 1,2 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 60 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 2,5 mm	1550 x 2440 mm 2440 x 1550 mm 1550 x 2100 mm 2100 x 1550 mm spliced surfaces

Thickness	Length x width
0,4 - 1,2 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 60 mm	1550 x 1550 mm 1525 x 1525 mm 1500 x 1500 mm 1270 x 1270 mm 1220 x 1220 mm
1,5 – 2,5 mm	1550 x 2440 mm 2440 x 1550 mm 1550 x 2100 mm 2100 x 1550 mm spliced surfaces

Other thicknesses available upon request.
Face and back veneers seamed when needed.

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Quality class I

Phenolic resin glue (melamine resin glue optional). Permitted faults: some buds, scars, slight curling and streaks.

Quality class GL II

Number of plies according to Germanischer Lloyd standard whenever needed.
Phenolic resin glue (Melamine resin glue optional).

Knots permitted: max. 10 mm open in two rows. Minimum distance between faults 200 mm. Defective joints, splits and overlaps are permitted if they comply with the above-mentioned location and distance requirements.

Quality class III

Number of plies according to Germanischer Lloyd standard.
Phenolic resin glue.

Knots permitted: max. 10 mm open and max. 15 mm sound live knots 8 pcs/m². Sound live knots max. 8 mm are permitted to any extent. Permitted in one face are defective joints, splits or overlaps up to the length of 200 mm and to the width of 1 mm. All the above defects must not be present in one and the same board.

Quality classes and structures are extremely customer-specific, and thin veneer plywood is used to make a wide variety of products; from furniture, light fixtures and other interior products all the way to smart- and postcards and products that are made using a lot of bending and twisting.

Phenolic resin glue (number of plies: 3-117) or melamine resin glue (number of plies: 2-117).

The most common quality is free from technical and colour faults. Straight and even grain. Permitted faults: some buds, scars, slight curling and streaks.