

WISA®-PremiumCut Clear

WISA-PremiumCut Clear is a high performance panel specifically designed to meet the needs of the flat die-cutting industry. The excellent strength properties of the panel enable die tools to be manufactured with good accuracy for the production of boxes with long service life as required. The lacquer provides a smart looking, hygienic and easy to clean surface that has excellent properties for the bonding of ejection rubbers.

Base board

Birch (*Betula Pendula*) plywood.

Bonding

Cross-bonded interior gluing according to EN 314-2 (Plywood - Bonding) class 1 interior.

Surface

Face veneer: Qualities S and BB.

Coating: Clear UV lacquer on both sides.

Other colours are available subject to agreement. WISA-PremiumCut is also available unlacquered.

Edge protection: Coated panels have edges sealed with lacquer.

Thicknesses

Nominal thicknesses (mm)	Thickness tolerances (mm)		Average weight (kg/m ²)
	Min	Max	
9	8.8	9.5	6.1
12	11.5	12.5	8.2
15	14.5	14.9	10.2
18	17.6	18.0	12.2
21	20.0	20.9	14.3

Thickness tolerances fulfil the requirements of EN 315 (Plywood - tolerances for dimensions) and are in part tighter. Other thicknesses are available upon request.

Dimensions

Standard sizes: 1220 x 1220 / 2440 mm
 1250 x 2500 / 3000 mm
 1500 x 1100 / 2150 / 2500 / 3000 mm
 1525 x 1525 / 3050 mm
 Other sizes are available subject to agreement.

Size tolerances: < 1000 mm ±1 mm
 1000-2000 mm ±2 mm
 > 2000 mm ±3 mm

Squareness tolerance: ±1 mm / 1000 mm





Technical properties

For all detailed technical values, please see DoP (Declaration of Performance) UPM020CPR on www.wisaplywood.com/dop.

Surface properties

The ready-made surface of WISA-PremiumCut Clear is hard and smooth and it is easy to keep clean. Product is coated with special lacquer to minimize moisture movement as well as reduce combustion gases during laser cutting. Rubbers can easily be fixed with fast curing glues or rubbers with stickers can be used.

Product safety

Formaldehyde content and release

WISA-PremiumCut Clear fulfils class A and E1 according to EN 717-2.

The lacquer coating does not contain benzophenon.

Combustion gases

There are no notable differences between WISA-PremiumCut Clear or unlacquered panels in combustion gas emissions when panels are cut by laser.

Effect of humidity and moisture

Wood is a living material and is subject to moisture movement according to surrounding conditions, which may affect the flatness of panels. It is important to condition the panels to reach a moisture content near to the equilibrium of their permanent environment.

The recommended stocking conditions are 20°C and a RH of air of about 60%.

The lacquer coating of WISA-PremiumCut Clear and the sealed edges help to eliminate undesired changes in moisture content. WISA-PremiumCut Clear is not recommended for exterior use or for interior applications where moisture resistance is needed.

Environment

WISA products are manufactured in Europe according to the strictest sustainability principles. By choosing WISA, our customers can have the confidence that their plywood and veneer come only from legal sources and conform to all relevant standards and regulations, including the European Union Timber Regulation (EUTR).

UPM leads the integration of bio and forest industries into a sustainable future characterised by innovation, responsibility and resource efficiency.



UPM Plywood

www.wisaplywood.com
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UPM policy is one of continuous development. We reserve the right to amend specifications without notice or obligation.