

Paged Elkon



Paged Elkon is often referred to as the „transformer plywood“ since it is widely used for the production of power transformers thanks to its unique insulating and durability properties. Paged Elkon is a high density wooden laminate which depending on the arrangement of fibres in adjacent veneer plies is distinguished between the cross-grained in which adjacent plies are laid at right angles to each other and the parallel-grained (for process-related reasons, up to 15% of veneers can be arranged transversely).

KEY BENEFITS AND APPLICATIONS

- Main application areas include: construction and insulation of oil type distribution transformers, mechanical or electro-mechanical appliances and electric machines, power switchgear rooms, transformer components (press beams, blocks, press rings, shield rings, nuts, plates, etc.)
- Superb electrical insulation
- High durability and mechanical performance
- High oil absorption
- Ease of machining
- Low heat transfer coefficient
- Made from high quality veneers sourced responsibly in Poland

STANDARD SIZES* [mm]

1500x1000
1500x1500
2000x1000
2200x1200
2000x1500**

*Other formats available on request

**Up to thickness: 80mm type C2R, 70mm type C3R, 60mm type C4R

DIMENSIONAL DEVIATION AS PER IN-HOUSE NORMS AND STANDARDS

Length / width ± 5 mm

STRAIGHTNESS AND SQUARENESS DEVIATION AS PER EN 324

Squareness 2 mm/m

WARPING AS PER IN-HOUSE NORMS AND STANDARDS

Thickness	Deviation
< 10 mm	allowed
≥ 10 mm ≤ 25 mm	to 10 mm/m diagonally
> 25 mm	to 6 mm/m diagonally

	P1	P2	C1	C2	C3	C4	CPC5
Thickness [mm]	15-120		5-120		5-80		35-120
Density [g/cm³]	>0,70 ≤0,90	>0,90 ≤1,10	>0,70 ≤0,90	>0,90 ≤1,10	>1,10 ≤1,20	>1,20 ≤1,30	>1,00 ≤1,20
Product type in reference to EN 61061-1	P1R	P2R	C1R	C2R	C3R	C4R	-
Product type in reference to DIN 7707	KP 20212		KP 20222		-	KP 20224	-

TYPE

P - parallel
C – cross-grain
CPC - mixed

SUBSTRATES

Beech veneer 2,0 mm

BONDING QUALITY (EN 314-2)

Class 3

MACHINING

CNC machining upon request

ADDITIONAL INFORMATION

1. General Terms of Sales available from www.sklejkapaged.pl
2. Technical specification according to in-house norms and standards.

Our product is made of renewable resource. Our products are characterized by low carbon footprint and are produced from certified wood, thus respecting the natural environment and the local community. The information contained in this document is intended as a guideline only and comes without warranty. We reserve the right to amend product specification sheets without notice.



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