

Paged Compreg

Layered wood material, hot-pressed under high pressure, made of beech or birch veneers coated with special phenolic resins. It is a specially engineered, extremely hard and durable wood composite with highly unique mechanical and performance properties. The exceptional structure of the compreg also provides protection from radiation which is used for medical and military purposes. However, the compreg is not only suitable for industrial purposes. Despite its hardness, it is relatively easy to machine and therefore it is used for the production of various wooden consumer goods.

KEY FEATURES

- Main application areas include: heavy industry applications, manufacturing tables, medical, military and rolling stock industries, mining and processing of ferrous and non-ferrous metals, glass and mineral based substrates
- Superb wear and tear resistance
- Resistance to shear and bend strength
- High vibration resistance
- Thermal resistance -200/+100°C

STANDARD SIZES [mm] 1000x1500

DIMENSIONAL DEVIATIONS AS PER BN-75/7126-01 I BN-75/7126-02

Length/Width ± 5 mm

SQUARENESS DEVIATION AS PER Z BN-75/7126-01 I BN-75/7126-02

Prostokątność 3 mm/m

THICKNESS DEVIATION AS PER BN-75/7126-02

Thickness	Deviation
5-20 mm	+1 mm / -0,5 mm
25-80 mm	+2 mm / -1 mm
85-100 mm	+3 mm / -1 mm

THICKNESS DEVIATION AS PER BN-75/7126-01

Thickness	Deviation
5-100 mm	+3 mm / -1 mm

Construction	Sheeted Compreg		Self-lubricating Compreg	
	Parallel, reinforced	Cross-grain	Parallel, reinforced	Cross-grain
Thickness [mm]	5-100			
Density [kg/m³]*	1200			
Flexural strength [MPa]*	177	118	177	103
Tensile strength [MPa]*	167	108	-	-
Compressive strength [MPa]*	118	100	118	88
Brinell's hardness test [MPa]*	157	167	108	118
Fracture toughness [kJ/m²]*	59	34	59	54
Bulk water holdout (24hrs)	8		16	

*Minimum values

ADDITIONAL INFORMATION

1. General Terms of Sales available from www.skleikapaged.pl
2. Technical specification according to: BN-75/7126-01 (self-lubricating), BN-75/7126-02 (sheeted).

TYPE	SUBSTRATE	BONDING CLASS (EN 314-2)	MACHINING
Sheeted Self-lubricating	Fornir bukowy o grubości 0,8 mm Fornir bukowy o grubości 0,6 mm	Class 3	CNC machining on request.



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.