TermoPasty®

TECHNICAL DATA SHEET

PVB 60 Varnish

A universal solution designed for the effective protection of printed circuit boards (PCBs). It ensures high transparency, corrosion resistance, and good insulation, shielding electronics from moisture, oxidation, and other external factors. Thanks to its quick drying and the ability to solder through the lacquer layer, it is a popular choice for both industrial and hobby applications. The product meets international standards such as IPC-CC-830B, IPC-TM-650, PN-88/E-04405, and PN-EN 60243-1:2, confirming its high quality and reliability.

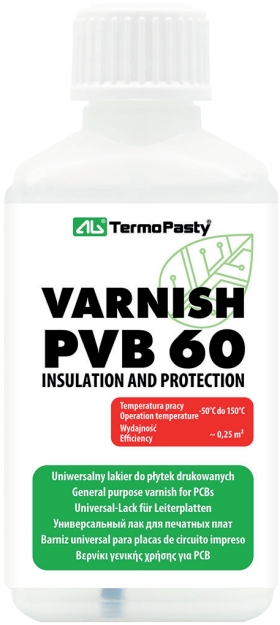
Product features:

- effective protection against moisture, oxidation, and chemical contamination,
- insulating properties preventing stray currents and short circuits,
- solderable through the lacquer layer,
- fast drying,
- transparent coating,
- versatile application options.

Applications:

- printed circuit boards (PCBs),
- high-voltage transformers,
- motor and cable windings,
- plastic housings for connectors and sockets,
- electronics in automotive, energy, and electromechanical industries.

Physicochemical properties	
Appearance	Transparent liquid
Odor	Characteristic
Density at 20°C	~0.80 g/cm^3
Viscosity at 20°C	~50 cP
Drying time	40-45 min
Operating temperature	-50°C to 150°C
Application temperature	-40°C to 60°C
Flashpoint	380°C
Volume resistivity	>1.0*10^{14} Ωm
Surface resistivity	>1.1*10^{14} Ω
Electrical strength	>89 kV/mm
Shelf life	3 years



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Compatibility:

PVB 60 varnish is suitable for a wide range of protective applications, including PCBs, transformers, and electric motors. The product can be safely used on most electronic components, providing protection against external factors and enhancing durability.

Application method	
Spraying	Yes
Brush	Yes
Dipping	Yes

Usage instructions:

Restricted to professional users. Read SDS carefully prior to use.

PVB 60 varnish can be applied using a brush, dipping, or spraying method. Before application, ensure that the surface is clean, dry, and free of grease or contaminants. If necessary, the varnish can be diluted with PVB Solvent to achieve the desired viscosity. With a drying time of 40–45 minutes, the product is ready for use shortly after application, providing fast and effective protection.

Coverage	
50 ml	approx. 0.25 m^2
1 l	approx. 5 m^2

Package	
Bottle with brush	50 ml (ART.AGT-199) - 8 pcs.*
Canister	1 l (ART.AGT-217) - 10 pcs.*

*Quantity of pcs. in a bulk package.

Storage:

Store away from heat sources, hot surfaces, ignition sources, open flames, and other sources of ignition. Protect from direct sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note:

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.