

PG109

PG109 is a polymer resin synthesized by the copolymerization of vinyl acetate and polyvinyl alcohol. It is suitable for laminated plywood, MDF, PB and solid wood panels such as hard HPC, PVC leather or non-woven fabrics. The quality of the bonded products is excellent.

Product parameter details

Item No.	PG109
Product	Polyvinyl acetate polymer emulsion
Appearance	Liquid
Color	White
Viscosity	30000±10000 cps (Brookfield Viscometer RVT, sp4, 10rpm, 25°C)
pH	5±1
Solid content %	54±2
Storage period	9 months (sealed storage)
Storage conditions	Store in a sealed original container, store in a cool place, and avoid heat, sun or freezing. The storage temperature is suitably between 10-35 °C . It is recommended to stir evenly before using the glue.
Formaldehyde information	The finished products manufactured by this system can reach the E0 standard.
Density	1.05±0.05g/cm ³

User Guide

Application range	It is suitable for laminated plywood, MDF, PB and solid wood panels such as hard HPC, PVC leather or non-woven fabrics.
Pressure type	Cold press, hot press, continuous press machine, etc.
Wood moisture content	8 – 12%, high water content needs to double the pressurization time. Excessive moisture content in the wood can cause cracks due to shrinkage during drying.
Amount of distributed glue	Single-sided glue: 90—200g/m ² The amount of cloth glue depends on the glued material and depends on the specific material and craftsmanship.
Pressure	0.1-1.0MPa. the highest processing accuracy, and the better bonding on the surface, which can get better glued effect.



Pressurization time	Under the condition of an ambient temperature of 25°C, pressurize for more than 30 minutes. At other temperatures, the pressing time depends on the different application process conditions.
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Machine

Gluing machine	Single-wheel cloth glue machine, double-wheel cloth glue machine, scraper, etc.
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Operational suggestion and health, safety and environment protection information

Operational suggestion	Gloves and goggles should be worn each time the product is used.
Cleaness	Wash the skin and the glue on the device with warm water. Must be cleaned before the glue is cured
Health, environmental protection and safety	Generally considered to be harmless waste. The remaining gel is left to dry and then disposed of as waste.

Legal Terms

This information is based on laboratory testing and long-term actual production experience. This is an introductory message designed to help users find the best way to work. Because the end user's production conditions are outside our control, we are not responsible for the results of the work affected by each user's own production conditions. In any case, we recommend testing to determine the appropriate production process parameters prior to use.