

PG541-3/U6Z

PG541-3 is a milky white emulsion with very low viscosity and good spray performance. It can be used alone or with a bridging agent U6Z. PG541-3 is suitable for vacuum blister forming machine, bonding PVC film on medium density fiberboard, particle board and other substrates. Adding an appropriate amount of bridging agent U6Z can enhance the bonding strength and weather resistance of the PVC film on the substrate.

Product parameter details

Item No.	PG541-3	U6Z
Product	Water-based polymer emulsion	Isocyanate curing agent
Appearance	Liquid	Liquid
Color	White	Transparent or slightly yellow
Viscosity	700±300 cps (Brookfield Viscometer RVT, sp3, 10rpm, 25°C)	200±50 cps (Brookfield Viscometer RVT, sp2, 50rpm 25°C)
pH	7±1	/
Solid content %	40±2	97±2
Storage period	9 months	
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 barrel.	
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	Suitable for vacuum blister forming machine, PVC film is laminated with fiberboard, particleboard and other substrates.
Pressure type	vacuum forming
Wood Preparation	The substrate is flat, clean and free from oil, dust and other debris.
Amount of distributed glue	Single-sided glue: 60—120g / m ² The amount of distributed glue depends on the material being glued, depending on the specific material technology.
Thermal activation	50-80 °C, the temperature should not be too high to prevent the PVC skin from



temperature:	deforming when heated.
Activation time (Blister time)	3-5 minutes Activation time depends on different application processes.

Machine

Gluing machine	Spray gun, 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.