

PG540/U6Z

PG540 membrane pressing adhesive, low viscosity and good spraying performance can be used alone or with bridging agent U6Z. PG540 is suitable for vacuum blister molding machine. PVC film is applied on substrates such as medium density fiberboard and particle board. It is widely used in plastic film such as cabinet door, door, window and line. Adding proper amount of bridging agent U6Z can enhance the adhesion strength and weatherability of PVC film on the substrate.

Product parameter details

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| Item No. | PG540 | 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 % | 52±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. | |

User Guide

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| 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—90g / m2 The amount of distributed glue depends on the material being glued, depending on the specific material technology. |



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| Thermal activation temperature: | 55-65 °C, the temperature should not be too high to prevent the PVC skin from deforming when heated. |
| Activation time (Blister time) | 3-5 minutes Activation time depends on different application processes. |

Machine

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| Gluing machine | Spray gun, etc. |
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Operational suggestion and health, safety and environment protection information

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| 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.