

631

631 is a general-purpose urea-formaldehyde resin adhesive which suitable for applications such as flooring, curved wood, veneer, panel (narrow side combination) and stickers. 631 is required in combination with hardener to use together.

Product parameter details

Item No.	631
Product	Urea formaldehyde resin
Appearance	Powder
Color	White
Viscosity	3000-10000 cps (Brookfield Viscosity around RVT, sp4, 20rpm, 25°C)
pH	8.5±1
Storage period	9 months (sealed storage)
Storage conditions	This product is extremely sensitive to moisture and heat. Exposure to excessive heat and humidity can cause product agglomeration and agglomeration. Store in a cool dry place and avoid high heat and sun exposure. The storage temperature is suitable between 10-35 °C.

Instructions for use

Application	Flooring, bending, veneer, stickers, hollow core panels, etc. Type of pressurization: high frequency pressurization, hot pressing.
Wood moisture content	8 - 14%, The high water content needs to double the pressurization time. Excessive wood moisture content can cause cracking due to shrinkage during drying. Wood preparation for best results, the wood surface must be planed. In order to obtain the best bonding strength, gluing should be carried out within 24 hours after wood shaving.
Glue guide	Usually the weight ratio of powder to water is 100:50. The amount of water can be tested and adjusted to suit the conditions and needs of the application. Stirring is better with a mechanical agitator. The usual method of mixing is to mix the urine aldehyde resin with two-thirds of the water and then add the remaining water.
Distributed amount of glue	Floor: 90-175g/m ² Curved wood: 120-200g/m ² Veneer: 90-150g/m ²



	Sticker: 20-70g/m ² Hollow core panels: 120-180g/m ² *Depending on the material process.
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Mechanical equipment

Mixing glue equipment	hand drill, mixer MG002, mixer MG003, etc.
Glue distributed tool	Urea formaldehyde resin

Operational use and health and safety information

Operation use	Powdered products - should be handled with care due to dust hazards. Use a dust filter, mask and gloves. Liquid product - Gloves and goggles should be worn each time the product is used. If it comes into contact with the skin, wash it off with soapy water. If you come into contact with your eyes, rinse immediately with plenty of warm water.
Cleaness	Clean the application tool with warm water before curing the system.
Waste treatment (about product) Glue	Generally considered to be hazardous waste (containing free formaldehyde). Hardener - According to the classification of curing agent, it is considered to be hazardous waste. Mixed glue and Hardener - it can be treated as a general non-hazardous waste when it is fully cured.

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.