

## WOOD GLUE Product No. XXXXX

**Ritver wood glue** is a general purpose and popular synthetic resin emulsion based adhesive for the wood working industry. Its outstanding features include high tack and excellent bond strength development for various wood applications.

**Virtues: It is a non toxic and non flammable water based, environmental friendly single component product.**

### USE

General purpose wood working glue, for various carpentry uses. Inc of bonding timber, MDF, Doors, Windows, in high speed assembly lines at joineries. It is also useful for decorative bonding, cold and hot pressing of decorative laminates, wood veneers to ply, block boards, tiles in dry condition, etc. The wood glue is not suitable for perpetual wet areas like toilets, kitchen sink etc.

### SPECIFICATIONS

#### Properties

<b>Product</b>	: Water based Synthetic emulsion based.
<b>Appearance</b>	: White, viscous but free flowing.
<b>Solids contents</b>	: 43 ± 1% (120°C / 1 hour).
<b>Clarity</b>	: Clear on glass plate.
<b>Plasticization</b>	: Nil
<b>Viscosity</b>	: 425000 to 475000 cps (Brookfield DV II Spindle 4, 6 RPM (30°C))
<b>Ph</b>	: 5 to 7
<b>Curing time</b>	: App 6 hours but largely depends on the weather conditions.
<b>Open tack</b>	: 5 to 10 minutes. (Largely depends on the wood).
<b>Staining on Wood</b>	: Negligible

### SURFACE PREPARATION

A good surface preparation and following the method statement / recommended system procedure of Ritver is an ideal recommendation for the application of **Ritver Wood Glue**.

**For wood:** For the ideal application of **Ritver Wood Glue** it is necessary to achieve a good and clean surface by removing all contaminants by cleaning & drying.

Exclusions for successful application include perpetually wet surfaces and also large cavities on wood surfaces.

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### APPLICATION METHODS

**Ritver Wood glue** is generally recommended to be applied without any thinning and as such. During application use a mechanical glue spreader or a convenient spatula. Ensure that the surface is free from dust and oil moieties. Spread the adhesive evenly and leave it for 5 to 10 minutes as per the wood surfaces. Press the surface to be bonded and squeeze out the excess. Remove the non dried portion with warm water or resort to mechanical removal when dry. Do not apply when wet as there will be no bondage to the substrate.

Once used keep the container closed immediately. It is also important to see that the tools used for application is cleaned before the glue dries off.

### STORAGE & SHELF LIFE

Under dry and cool conditions storage stability can be sound up to 18 months in original sealed containers. Rotating stock is advisable and it is necessary that old stocks are consumed first.

### HANDLING

**Disposal:** As per the guidance and legislations of the local Authority e.g., by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

**Flash Point:** Not applicable.

### SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Other industrial practices are applicable.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

MSDS is available on request for the safe handling of this product.

### FIRST AID

**Eyes:** In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

**Skin:** Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

**Inhalation:** Remove to fresh air, loosen collar and keep patient rested.

**Ingestion:** In case of accidental ingestion DO NOT INDUCE VOMITING. Obtain immediate medical attention.