

# Wood Glue

**Product code: PW1620**

Color: White

## Composition and Application Field

NOVA wood glue is water based adhesive, based on polyvinyl acetate homopolymer, with excellent high tack and bond strength, development for various wood applications, such 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.,  
Virtues: It is a non-toxic and non-flammable water based, environmental friendly single component product.

## Product Preparation

### Dilution

By brush or Spray.

Normally ready to use, or we can dilute up to 15% with water.

## Technical Characteristics

### Physical Properties

Specific gravity	1.07	( $\pm 0,025$ ) Kg/l
* Viscosity. Rotothermer	130	( $\pm 20$ ) ps.
Spindle 3/25°C		
Weight solids	45%	( $\pm 2$ ) Kg/Kg
PH	5-7	
Flash Point	-	grades centigrade

(Abel Pensky closed cup)

Application Rate ..... 80gr/m<sup>2</sup> (per coat)

### Drying @25°C

* Open Tack	5 to 10 mn.
Curing time	6 hrs.

**N.B:** Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.

## Dry Film Characteristics

### Mechanical Characteristics

* Adherence.....	Very Good (on every wooden substrate)
Plasticity.....	Very Good
Clarity .....	Clear on glass plate

## Surface Preparation

For the ideal application of NOVA 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.

## Application Method

NOVA 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.

## Packing & Storage

### Packing

Available in 5 ltr, 25 ltr

### Storage

If the drum is tightly closed and well stored at 25°C, the product has one year of shelf-life.