



TECHNICAL DATA SHEET

Wood Glue

Product name: Wood Glue

Product type: Water-based polyvinyl acetate adhesive

Supplier: Basekim Company

Product Description

Water-Based PVA Wood Glue is an industrial adhesive designed for bonding wood and other porous materials. It penetrates the wood fibres and forms a strong bond as the water evaporates.

Typical Properties

Property	Typical Value
Appearance	White or cream liquid
Adhesive base	Polyvinyl acetate dispersion
Solid content	Grade-dependent
Viscosity	Grade-dependent
pH	Approximately 4–7
Density	Approximately 1.0–1.2 g/cm ³
Open time	Grade-dependent
Clamp time	Grade-dependent
Final colour	Transparent to slightly opaque
Water resistance	D2, D3 or D4 grade-dependent

Actual values must be confirmed by the current Certificate of Analysis.

Main Features

- Strong bonding to wood
- Easy application
- Good initial tack
- Water cleanup before curing
- Good sanding properties after curing
- Suitable for manual or industrial application



- Water-resistant grades available

Applications

- Furniture manufacturing
- Cabinet assembly
- Solid-wood bonding
- Finger joints
- Edge gluing
- Veneer and laminate bonding
- Doors and wooden panels
- General joinery work

Application Instructions

- Surfaces must be clean, dry and free from oil or dust.
- Recommended wood moisture content: approximately 8–12%.
- Apply an even layer to one or both surfaces.
- Join the parts within the specified open time.
- Apply suitable pressure until sufficient handling strength develops.
- Full strength is normally achieved after complete curing.

Application time and pressure depend on temperature, wood type and adhesive grade.

Packaging

Typical industrial packaging includes:

- 5–30 kg plastic pails
- Approximately 200 kg drums
- IBC tanks

Packaging availability must be confirmed with Basekim.

Storage

- Store in unopened original packaging.
- Keep in a cool and dry location.
- Protect from freezing.
- Avoid prolonged exposure to excessive heat.
- Close the container tightly after use.



- Recommended storage temperature: approximately 5–30°C.

Shelf Life

Typical shelf life is approximately **12 months**, subject to the specific formulation and storage conditions.

Disclaimer

The listed values are typical guidance values and are not guaranteed product specifications. Viscosity, solid content, open time, clamp time and water-resistance class must be confirmed for the selected Basekim grade and production batch.