

# Stärke

*Water Based Yet Water Resistant Adhesive*



Reliable Wood Adhesive



A Product of *Lohiya Group of Industries*

The logo for Stärke, featuring the word "Stärke" in a bold, brown, serif font.

Water Based Yet Water Resistant Adhesive

## TECHNICAL DATA SHEET

### Description:

**Stärke** is a revolutionary water resistant wood adhesive with excellent bonding strength. **Stärke** has been made as per European D3 Standards. It is highly recommended for bonding Wood, Laminates, Plywood, Veneer, Block-board, Hardboard, MDF etc. The water resistance of the product is much superior to conventional wood adhesives.

### Properties of the Adhesive:

Base	: PVA based Emulsion
Solid Content	: 44-46%
pH	: 3-4.5
Appearance	: Milky White
Dilution	: Not recommended
Open Time	: 4-8 minutes
Pressing Time	: 1 hour
Shelf Life	: Best within 6 months from the date of manufacturing
Wet tack	: Very high
Waiting Time	: 2-4 hours (required for Mechanical Firmness for subsequent machining)
Coverage	: 4 m <sup>2</sup> /kg
Curing time	: 24 hours (for Achieving full Bond Strength)
Curing Time	: 7 days (for Achieving full Water Resistance)

### Application Technique:

A properly seasoned and chemically treated wood should be used and must be dust and grease free. Surfaces should be machined to a perfect matching. Apply a thin coat of **Stärke** evenly on both joining surfaces with the help of a roller, brush or spatula and then moderately press the glued surfaces (within 4-8 minute) and ensure uniform contact and even spreading of glue.

### Storage and Handling:

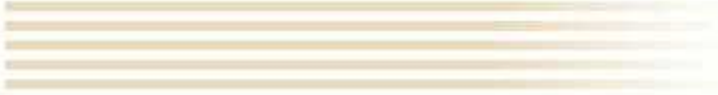
- Store in cool place at temperature between 5-30° C.
- Avoid Direct Sunlight.
- Keep container tightly closed after use.
- Any Skin/film formation should be removed before use.

### Packaging:

**Stärke** is available in:

- 500g Plastic Squeeze bottles
- Plastic Pails 4 kg, 10 kg, 20 kg, and 25 kg
- Plastic Jars 20 kg and 50 kg
- HDPE barrels 200 kg

The above information given is based on the present state of our knowledge and experience. The statements mentioned herein should be considered as information without obligation. For applications, users should make their own assessment of our product under their own conditions according to final requirements. No liability exceeding the value of our product can be derived from the foregoing statements. If local regulations exist, they should be applied.



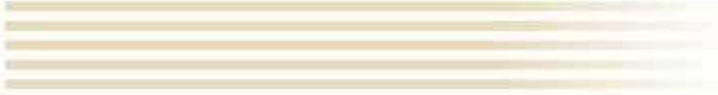
A Breakthrough technology developed by Leading Adhesive Technologist **Dr. Herbert Eck** of **SES** (Senior Experten Services) **Bonn, Germany**. He has *40 years of experience in the Adhesive field* and has worked in top Multinational Companies such as **Wacker Chemie & Bayer** of Germany. He is the author of more than 100 Adhesive related Patents registered in **GERMANY, USA, CHINA, FRANCE, JAPAN** & Elsewhere.

### Why Use Stärke?

- » **WATER BASED**  
Eco Friendly. No Solvent Evaporation Nuisance.
- » **SINGLE COMPONENT GLUE**  
No Mixing Hassles. Ready To Use.
- » **FAST SETTING**  
A Time Saving Product. Time Saved Is Money Saved.
- » **WATER RESISTANT JOINTS**  
No Worries For Outdoor Furniture / Ship Building.
- » **LABOUR SAVING**  
Wooden Surfaces Can Be Bonded Without Making Grooves (Jiri).
- » **NO FAILURES**  
In Normal Temperature Variations.
- » **SUPER EXTRA ADHESIVE POWER**  
All Without Strain.
- » **HIGH TACK**
- » **MEETING D-3 STANDARDS**
- » **AND MOST IMPORTANT - COST EFFECTIVE**

Stronger Glue makes Strong Organisation & Creates Stronger bond with customers So, discover the power of our Adhesive.

We Believe Future Belongs To Who Reduces Cost, Delivers Fast & Improves Quality...!  
Yes! Stärke Is A Success Formula.



**Stärke**  
Water Based Yet Water Resistant Adhesive



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