

# FIX D2

## FAST CURING WOOD ADHESIVE

Dispersion adhesive for fast gluing of wood requiring very strong joints, resistance to humidity and solvent resistance.

### PROPERTIES

- For indoor use.
- For fast gluing.
- High adhesive strength.
- Solvent free.
- Environmentally friendly.

### AREA OF USE

- For gluing chairs, wooden accessories and wherever high joint strength is required.
- For construction gluing (dowels, grooves).
- For width and thickness gluing of all types of wood.
- Everywhere, where resistance of joints to humidity or solvents is required.

### TECHNICAL DATA

Base	water dispersion of polyvinyl acetate polymer
Colour	ocher
Binding speed	high
Viscosity at 23 °C [Brookfield RVT, vr.4/20 rpm. <sup>-1</sup> ]	7000- 10000 mPa s
Ph value [ISO 976]	approx. 4.5
Chalk point	approx. 5 °C
Open time at 20 °C, 65% relative air humidity, on beech wood with 10% humidity:	
- when applying the adhesive 100 g/m <sup>2</sup> :	approx. 3 minutes
- when applying the adhesive 200 g /m <sup>2</sup> :	approx. 7 minutes

### INSTRUCTIONS FOR USE

- After a long storage time, it is recommended to mix the adhesive before use.
- Surfaces must be well prepared - flat, smooth, dry, free of dust, grease or other dirt.
- Apply the adhesive manually or by machine with conventional devices and applicators.
- The application should be one-sided, in a thin layer, even over the entire surface.
- For glued structures and joints where high joint strength is required, double-sided application of adhesive is recommended.
- The optimal working conditions are:  
 Temperature of room, adhesives and glued materials: 18-20 °C  
 Relative humidity in the room: 60-70%  
 Humidity of glued elements: 8-10 %  
 Application of the adhesive: 150 - 200 g/m<sup>2</sup>.  
 Compression pressure:  
 - for soft wood: 0.2 N/mm<sup>2</sup>  
 - for hard wood: 0.5 N/mm<sup>2</sup>



- Compression time: depends on the ambient temperature, the adhesive and the glued elements, the humidity and the type of wood, the compression pressure and the amount of adhesive applied. Taking into account the stated optimal working conditions, the recommended compression time is:

	minimum	
width adhesion (soft/hard wood)	at 20 °C	15/30 minutes
	at 50 °C	3/5 minutes
bonding with dowels and plugs	at 20 °C	3-6 minutes
housings	at 20 °C	10-12 minutes

- When gluing wood with higher humidity, at higher adhesive applications or at lower gluing temperatures than recommended, a corresponding extension of the pressing time is required.
- Do not glue at temperatures below +15 °C. Further processing is possible after 12 hours.
- Cleaning: wash machines and tools with water before the glue dries.

### PACKAGING

- 500 ml bottle

### STORAGE

18 months in a dry place at a temperature between 5 °C and 25 °C, in the original sealed packaging. PROTECT FROM FROST! After a long storage time, it is recommended to mix the adhesive before use.

### HEALTH, SAFETY, HANDLING AND DISPOSAL INFORMATION

Additional safety information, safe handling instructions, information on personal protective equipment, and disposal information can be found in the safety data sheet. Safety data sheet available on request. You can also obtain a copy from your TKK sales representative.

### WARNING

The information given is based on our tests and practical experience. However, due to specific conditions and working methods we recommend preliminary tests for each case of use.



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