

**ADINO WOOD D4**

ONE-COMPONENT UNIVERSAL D4 GRADE WOOD ADHESIVE based on water dispersion of polyvinyl acetate. Recommended for applications requiring humidity resistance.

**APPLICATIONS**

bonding all kinds of wood (including wood subject to humidity, e.g. kitchen, bathroom, garden furniture)

recommended for applications requiring humidity resistance. It is recommended for bonding of doors, windows, stairs, garden furniture and other wood elements exposed to weather conditions or high humidity

**BENEFITS**

the adhesive gives joint with water resistance of class D4 according to PN-EN 204 standard

one-component

high temperature resistance, according to WATT 91

can be used hot and cold

application in hot conditions significantly shortens the production process

after mixing with hardener it has long

pot life, up to 5 days

durable joint

achieves final strength rapidly

non-flammable

neutral odour

solvent-free

colourless joint

**APPLICATION CONDITIONS**

Application temperature [°C]	+8 - +30
Wood humidity [%]	< 8 - 12

**DIRECTIONS FOR USE**

Prior to application, read safety instruction presented in MSDS.

**1. SURFACE PREPARATION**

- Wood humidity cannot exceed 8-12%.
- Bonded elements must be well-matched, dry, clean and degreased.

**2. PRODUCT PREPARATION**

- Bonded elements and adhesive temperature prior to application must conform to recommendations in the table above.
- Mix adhesive before use.



## TECHNICAL DATA SHEET

**3. APPLICATION**

- Apply the adhesive on one of bonded surfaces using roller or brush.
- In case of hard wood it is recommended to apply the adhesive on both bonded surfaces.
- Join bonded surfaces and put under press.
- The setting time should be suitable to type of wood, its moisture content and working conditions such as temperature and humidity.

**4. WORKS AFTER COMPLETION OF APPLICATION**

- Cleaning: water before curing, mechanically after curing.

**5. REMARKS / RESTRICTION**

- Before curing of the adhesive, avoid direct contact with steel due to risk of rust formation or blackening of joints.
- Full water resistance of joint is reached 7 days from application

**TECHNICAL DATA**

Color	
white	+

Uncured	Value
Base: water dispersion of polyvinyl acetate	+
Solid Content [%]	48 ± 3
Density [g/ml]	1,1 ± 0,05
Viscosity, 23°C (Brookfield, 20 rpm) [mPas]	6 000 ± 3 000
Working time (depending on ambient conditions and subfloor properties) [min]	6 - 10
Pressure time, 20°C [min]	15 - 20
Press pressure [N/mm <sup>2</sup> ]	0,2 - 0,6
Full curing time (in normal conditions) [h]	24
Yield [g/m <sup>2</sup> ]	150 - 200
pH value	2,8 - 3,2
Full water resistance [days]	>7

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

**NORMS**

- Meets requirements of Watt 91
- Meets requirements of EN 204/205 D4

**ADINO  
WOOD D4**



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## TECHNICAL DATA SHEET

### TRANSPORT / STORAGE

Warranted shelf life is 6 months from the manufacturing date when stored in unopened, original package at temperatures from +5 °C to +30 °C in a dry place protected from freezing and excessive heat.

### SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request. Disposal considerations: Product remains and empty cartridges must be disposed of in compliance with official, local regulations.

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