

# UHU® WOOD GLUE EXPRESS

## HIGH-QUALITY, FAST, MOISTURE RESISTANT (EN 204 D2) WHITE WOOD GLUE.



### PRODUCT DESCRIPTION

High quality, fast (4-minute drying time), moisture resistant (EN 204 D2) white wood adhesive for internal use. Dries transparent. Stronger than wood. For bonding and laminating of practically all hard, soft and exotic types of wood.

### FIELD OF APPLICATION

For moisture resistant and quick joining and laminating of practically all hard, soft and exotic types of wood. Suitable for well-fitting, non-load bearing wooden structures using, for example, finger joints, dovetail joints, mortise and tenon joints, dowels and springs.

Suitable for indoor applications such as doors and furniture in, for example, living rooms and offices. For surface bonding wood, hard and softboard, chipboard, multiplex plywood, MDF, paper, cardboard and hardboard. Also suitable for laminating veneer and hard plastic sheet (HPL, Formica, Duropol, Resopal) on a wooden surface.

EN 204 D2: Interior spaces in which increased relative humidity occurs occasionally and for a short time, whereby the level of wood humidity remains below 18%.

### PROPERTIES

- Very fast (4 minutes)
- Stronger than wood
- Transparent when dry
- Ideal for interior applications (EN 204 D2)
- Paintable
- Solvent-free

### QUALITY LABELS/STANDARDS

**Standards:** EN 204: Classification of thermoplastic wood adhesives for nonstructural applications. D2 class: Interior with occasional short-term exposure to running or condensed water and/or to occasional high humidity provided the moisture content of the wood does not exceed 18%.

### PREPARATION

**Working conditions:** The ambient temperature, the adhesive and the materials to be bonded should be no less than +5°C. Relative humidity of up to 65%. Level of wood humidity between 8% and 12%.

**Surface requirements:** The surfaces to be bonded need to be clean, dry and free of dust. Ensure a well-fitting joint.

**Preliminary surface treatment:** Degrease oily types of wood with thinner.

**Tools:** Fine-toothed glue spreader (1 mm), brush or roller, clamp or press.

### APPLICATION

**Dilute:** If necessary, dilute with water to the original viscosity.

**Coverage:** 2-4 m<sup>2</sup>/kg, applied on both sides, depending on the nature of the materials.

#### Directions for use:

Apply the adhesive with a brush or some other tool in an even and thin layer on one or both parts. Let penetrate for a few minutes, assemble the parts within 10 minutes and clamp or press for 4-15 minutes. The desired pressure is 2-5 kg/cm<sup>2</sup>.

**Pressure:** 5-10 kg/cm<sup>2</sup>

**Time to press (+20°C):** 4-15 minutes (more in case of tension)

**Open time:** 6 minutes

**Stains/residue:** Remove adhesive residues immediately with water. Dry adhesive residue can only be removed mechanically.

**Advice:** For water resistant bonding, use UHU Holz Max® (EN 204 D4).

### TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Water resistance:** Limited

**Temperature resistance:** -20°C - +60°C

**Paintability:** Good

**Filling capacity:** Nil

### TECHNICAL SPECIFICATIONS

**Chemical base:** Polyvinyl acetate dispersion

**Colour:** White (Transparent when dry)

**Viscosity:** approx. 12.000 mPa.s., Liquid

**Solid matter:** approx. 60 %

**Density:** approx. 1.1 g/cm<sup>3</sup>

**White point:** approx. 6 °C

**pH-value:** approx. 4,5

**Flash point:** K3 (>55°C)

### STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening. Close container properly and store in a dry, cool and frost-free place.



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Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.