

# UHU<sup>®</sup> HOLZLEIM WASSERFEST

## HIGH-QUALITY, WATER RESISTANT (EN 204 D3) WHITE WOOD ADHESIVE.



### PRODUCT DESCRIPTION

High quality, water resistant (EN 204 D3) white wood glue for indoor and outdoor use. Dries transparent. Stronger than wood. For bonding and laminating of practically all hard, soft and exotic types of wood.

### FIELD OF APPLICATION

For the water resistant joining and laminating of practically all hard, soft and exotic woods. 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 and outdoor applications, especially for glue joints that demand water resistance. 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, Dupopal, Resopal) on a wooden surface. D3: Interior spaces in which passing water, condensation and / or heavy stress due to increased relative humidity occurs frequently for a short time. Exteriors not exposed to weather influences.

### PROPERTIES

- Water resistant (EN 204 D3)
- Stronger than wood
- Ideal for internal and external applications
- Transparent when dry
- Paintable
- Solvent-free

### QUALITY LABELS/STANDARDS

**Standards:** EN 204: Classification of thermoplastic wood adhesives for nonstructural applications. D3 class: Interior with frequent short-term exposure to running or condensed water and/or to heavy exposure to high humidity. Exterior not exposed to weather.

### 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.

**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, the assemble the parts and clamp or press for 30-60 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):** 15 minutes (more in case of tension)

**Open time:** 8 minutes

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

### TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Water resistance:** Good

**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. 13.000 mPa.s., Liquid

**Solid matter:** approx. 50 %

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

**White point:** approx. 3 °C

**pH-value:** approx. 3

**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.