

# PU MAX® WOOD ADHESIVE THIXOTROPIC

## WATER RESISTANT, FILLING POLYURETHANE WOOD ADHESIVE FOR INDOORS AND OUTDOORS (D4-STANDARD).



### PRODUCT DESCRIPTION

Thixotropic, transparent 1-part polyurethane wood adhesive for indoors and outdoors. Water resistant and filling. Bonds also to metal, concrete and synthetics. Complies with EN 204 D4 D4 Standard.

### FIELD OF APPLICATION

For water resistant bonding of most kinds of wood, Formica, polystyrene foam (tempex) and glass wool to porous surfaces. Bonds also to metal, concrete, cellular concrete, stone and various synthetics. Ideal for vertical connections. Not suitable for connections that are subject to a higher, permanent load/tension.

### PROPERTIES

- (Sea) water resistant according to NEN-EN D4 standard
- Thixotropic/in the form of a gel
- For indoor and outdoor use
- Spreads easily
- Filling capacity
- Transparent
- Moisture curing
- Paintable
- Weather resistant

### QUALITY LABELS/STANDARDS

EN 204: Classification of thermoplastic wood adhesives for nonstructural applications. D4 class: Interior with frequent long-term exposure to running or condensed water. Exterior exposed to weather but with protection by an adequate surface coating.

### PREPARATION

**Working conditions:** Use only when temperature of room, adhesive and materials to be bonded is not below +5°C. Wood humidity level should be between 10% and 18% (max. 25%).

**Personal safety:** It is recommended to wear rubber or plastic protective gloves.

**Surface requirements:** Parts to be bonded should be clean, free of dust and well-fitting. Roughen non-porous materials. Moisten side to which no adhesive is applied with a damp cloth.

**Preliminary surface treatment:** Degrease greasy woods with Thinner for Bison Kit® or thinner. Roughen non-porous materials. Moisten side to which no adhesive is applied with a damp cloth.

**Tools:** Sealant gun, fine-toothed glue spreader (1 mm) or brush or roller and clamp.

### APPLICATION

**Coverage:** 5-6 m<sup>2</sup>/kg

**Directions for use:**

Apply adhesive thinly and evenly to one side, using a fine-toothed glue spreader (1 mm), brush or roller. Join parts within 30 minutes and press or clamp for at least 4 hours.

**Pressure time (+20°C):** 4 hours

**Open time:** 30 minutes

**Stains/residue:** Remove fresh stains immediately with acetone. Dried residue can only be removed mechanically.

### CURE TIMES

**Handling time:** approx. 2 hours

**Dry/Cure time:** approx. 24 hours at 20°C

\* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

### TECHNICAL PROPERTIES

**Temperature resistance:** -20°C to +125°C

**Chemicals resistance:** Good

**Paintability:** Good

### TECHNICAL SPECIFICATIONS

**Base:** Polyurethane prepolymer

**Colour:** Transparent

**Viscosity:** Thixotropic

**Solid contents:** approx. 100 %

**Density:** approx. 1.12 g/cm<sup>3</sup>

### SHELF LIFE

At least 18 months after date of manufacture Limited shelf life after opening. Store well-closed in a dry place at temperatures between +10°C and +20°C.