



Product Model

Bison PU Timber Max Thixotropic Transparent Cartridge 310ml

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 Standard.

- Size 310ml.

Technical data
supplied by the
manufacturer



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.

Areas For Use

- (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 non-structural 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%).

Safety: It is recommended to wear rubber or plastic protective gloves.

Condition of materials: arts 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 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 required: Sealant gun, fine-toothed glue spreader (1mm) or brush or roller & clamp.

Application

Coverage: 5-6m²/kg

Directions for use: Apply adhesive thinly to one side, using a fine-toothed glue spreader (1mm), brush or roller. Join parts with 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.

Solutions, Service and Supplies to the Trade

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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/cm³

Cure Times

Handling Time: Approx 2 hours

Dry/Cure Time: Approx 24 hours at 20°C

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

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

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