



# CONSTRUCT LEGNO EXPRESS (D2)

## FAST DRYING AND MOISTURE-RESISTANT (D2 STANDARD) WHITE WOOD ADHESIVE FOR INTERNAL USE, PVAC BASED.



### PRODUCT DESCRIPTION

High-quality, fast-drying white wood adhesive for internal use based on polyvinylacetate dispersion (PVAc). Moisture resistant quality: conforms to standard NEN EN 204 D2.

### FIELD OF APPLICATION

For quick and moisture resistant (D2) 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, Duropal, Resopal) on a wooden surface.

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

- Quick-drying
- Moisture resistant according to EN 204 standard D2
- Super-strong
- Solvent-free
- Transparent when dry
- Paintable

### 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 not be less than +5°C. Relative humidity of up to 65%. Level of wood humidity between 8% and 12%.

**Preliminary surface treatment:** Surfaces must be clean, dust and grease-free and a good fit. Degrease oily types of wood with thinner. 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. Allow the adhesive to soak in for a couple of minutes. Assemble joint within 8 minutes and clamp or press for at least 4 minutes.

**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.

### 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. Store in properly sealed packaging in a dry place at between +10°C and +20°C.