



LEGNO MAX

WOOD CONSTRUCTION ADHESIVE BASED ON UNIQUE SMP TECHNOLOGY.



PRODUCT DESCRIPTION

Wood Construction adhesive based on unique SMP technology; waterproof (D4 standard) and stronger than wood. For joining of wood to wood and to almost all kinds of building material.

FIELD OF APPLICATION

To join almost all types of wood together and with many other materials, such as metal, stone, concrete and synthetics. Particularly suitable for demanding wood structures and connections (windows frames, doors, boats). Not suitable for PE (polyethylene), PP (polypropylene) and PTFE

PROPERTIES

- Innovative formula: patent pending
- Stronger than wood
- Waterproof – European Standard EN 204-205 D4
- 100% adhesive – no shrinkage or foaming
- Free of isocyanates – clean and safe use
- Bonds all materials – hard, soft, porous/non-porous
- Filling (max. 4 mm)
- UV resistant
- Permanently flexible
- Paintable (test first)
- Temperature resistant from -40°C to + 120°C
- Colour: wood colour (beige).

QUALITY LABELS/STANDARDS

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: 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 10% and 18% (max. 25%).

Surface requirements: The surfaces to be bonded need to be clean, dry and free of dust. Moisten the side to which no adhesive has been applied with a damp cloth.

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

APPLICATION

Coverage: 200 g/m²

Directions for use:

Surfaces must be clean, dust- and grease-free. Apply adhesive thinly and directly from the cartridge on one side. If desired, spread evenly with a spatula, glue spreader or brush. Join parts within 30 minutes after applying adhesive. Press or hammer firmly and fixate for 6 hours. Fully cured after 24 hours, depending on the amount of applied adhesive, humidity, temperature and the material.

Stains/residue: Remove redundant adhesive immediately after applying.

CURE TIMES*

Final bonding strength after: approx. 24 hours. This might vary, based on circumstances, like temperature and humidity.

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

TECHNICAL PROPERTIES

Moisture resistance: Very good

Water resistance: Very good

Temperature resistance: -40°C - +120°C

UV resistance: Good

Chemicals resistance: Good

Paintability: Very good

Elasticity: Nil

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: SMP Polymer

Colour: Beige (mixture)

Viscosity: approx. Thixotropic

Solid matter: approx. 100 %

Density: approx. 1.34 g/cm³

Initial bond strength: approx. 30 N/cm²

Final bond strength: approx. 1100 N/cm²

Shrinkage: approx. 0 %

STORAGE CONDITIONS

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