



LEGNO MAX EXPRESS POWER

EXTREMELY STRONG, FAST (FIRM TO TOUCH IN 30 MINUTES),
WATERPROOF (D4, ACCORDING NEN-EN 204 STANDARD) AND



PRODUCT DESCRIPTION

Extremely strong, fast, waterproof, di-isocyanate free and filling wood construction adhesive based on SMP-Polymer.

FIELD OF APPLICATION

For waterproof (D4) (surface) bonding of most types of wood (less suitable for chemically treated wood) and many other building materials. For non-supporting wooden structures. Very suitable for poorly fitting joints. Not suitable for PE, PP, PTFE and PA (nylon).

D4: Interiors where flowing water or condensation are present over long periods on a regular basis. Exteriors exposed to the influences of the weather, providing effective protection for bonded wood. Not suitable for to join polyethylene (PE), polypropylene (PP), PTFE and nylon (PA).

PROPERTIES

- Very fast (firm to touch in 30 minutes)
- Extremely high final bond strength (110 kg/cm²)
- Waterproof (D4)
- PU & Solvent free
- Very good filling capacity (up to 4 mm)
- Can be scraped immediately
- Permanently flexible
- Paintable
- All-weather resistant
- UV resistant
- Thixotropic
- Good standing power; does not drip
- Innovative formula: patent pending

PREPARATION

Working conditions: The ambient temperature, the adhesive and the materials to be bonded should not be less than +5°C. Wood humidity must preferably be between 10% and 18% (max. 25%).

Surface requirements: Surfaces must be clean, dust- and grease-free. Degrease oily types of wood with Griffon Cleaner. Roughen non-porous materials.

Preliminary surface treatment: Surfaces must be clean, dust- and grease-free. Degrease oily types of wood with Griffon Cleaner. Roughen non-porous materials.

Tools: Sealant gun, glue spreader, brush or roller.

APPLICATION

Coverage: With spot bonding: 5-8 m²/kg. Stripes: one cartridge issues approx. 8-15 metres of adhesive (nozzle opening 3 mm = ±15 metres – nozzle opening 5 mm = ±8 metres).

Directions for use:

Apply the adhesive evenly directly from cartridge on both sides (for the best result) with a sealant gun. Where needed spread further with sealant gun, glue spreader, brush or roller. Ensure adequate layer thickness. Assemble joint within 5 minutes and fixate for at least 30 min. No pressing. If clamped, use a limited pressure to avoid too much adhesive to be pushed out of the bond.

Stains/residue: Remove wet adhesive residue immediately with Griffon Cleaner. Dry adhesive residue can only be removed mechanically.

CURE TIMES*

Drying/Curing time: approx. 8 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

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

UV resistance: Good

Chemicals resistance: Good

Paintability: Good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: SMP Polymer

Colour: Beige

Viscosity: approx. Thixotropic

Solid matter: approx. 100 %

Density: approx. 1,33 g/cm³

Shear strength: approx. 1100 N/cm²

Shrinkage: approx. 0 %

STORAGE CONDITIONS

Minimum 12 months after production. Limited shelf life after opening. Store in properly sealed packaging in a dry place at between +5°C and +25°C.