



WOOD 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
- ATG certified (Cert. no. ATG 3125) 'Adhesives for non-supporting wooden structures'
- KOMO certified (Cert. no. 32394) 'Adhesives for non-supporting applications'
- Innovative formula: patent pending

QUALITY LABELS/STANDARDS

Certificates: KOMO: Adhesives for non-bearing applications. Certificate 32394 based on BRL 2339 (EN 204: D4 Class, Watt '91).

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.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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TECHNICAL PROPERTIES

Moisture resistance: Very good

Water resistance: Very good

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

UV resistance: Good

Chemicals resistance: Good

Paintability: Good

Elasticity: Nil

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 18 months after production. Best Before Date (MM/YY): see packaging. Limited shelf life after opening. Store in properly sealed packaging in a dry place at between +5°C and +25°C.