



CONSTRUCT FIBER

FIBRE-REINFORCED, VERY FAST, THIXOTROPIC, WATERPROOF
CONSTRUCTION ADHESIVE BASED ON POLYURETHANE



PRODUCT DESCRIPTION

Fibre-reinforced, very fast, thixotropic, waterproof, limited filling, single-component, universal construction adhesive based on polyurethane.

FIELD OF APPLICATION

For waterproof (D4) mutual (surface) joining of practically all types of building materials, such as wood, gypsum, (natural) stone, (cellular) concrete, metal, hard foam and various synthetics. Suitable for internal and external applications, such as plate and insulation, roofing sheets and cover profiles. Also for less-fitting joints (for example, unplanned wood) and uneven materials. Ideal for vertical applications. The adhesive cures under the influence of moisture. Because of this, at least one of both surfaces needs to be a porous, moisture-containing surface. 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 joining polyethylene (PE), polypropylene (PP), PTFE and nylon (PA).

PROPERTIES

- Fibre-reinforced
- Very fast
- For internal and external use
- Fast curing to the core
- Limited filling
- Good standing power, does not drip
- Solvent-free
- All-weather resistant
- Paintable

- Sandable
- Thixotropic

CERTIFICATES & 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 lower than +5°C. Level of wood humidity between 10% and 18% (up to 25%).

Personal safety: It is recommended that rubber or plastic gloves are worn.

Preliminary Surface Treatment: Surfaces must be clean, dust-free and well-fitting. Degrease oily types of wood with GRIFFON Cleaner. Roughen non-porous materials.

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

APPLICATION

Coverage: 5-6 m²/kg

Directions for use:

Apply adhesive thinly and evenly on one side using a sealant gun. If necessary, spread further using a fine-toothed glue spreader (1 mm), brush or roller. Moisten the side to which no adhesive has been applied with a damp cloth. Assemble joint within 2 minutes and clamp or press for at least 15 minutes. Apply adequate coating to glued joint for maximum water resistance.

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

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 SPECIFICATIONS

Chemical base:	Polyurethane prepolymer
Chemicals resistance:	Good
Colour:	Transparent
Density approx.:	1.14 g/cm ³
Filling capacity:	Limited
Final bond strength after:	30 minutes at 20°C
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	125 °C
Moisture resistance:	Very good
Open time approx.:	10 minutes
Paintability:	Good
Pressure:	2-5 kg/cm ²
Solid matter approx.:	100 %
Time to press (+20°C):	30 minutes
Viscosity:	Liquid
Viscosity approx.:	3 mPa·s
Water resistance:	Very good

STORAGE CONDITIONS

Shelf life: At least 12 months after production.

Store dry in sealed packaging between +10°C and +20°C.

Limited shelf life after opening.

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