



CONSTRUCT EDILIZIA TIXOTROPICO (D4)

THIXOTROPIC, STRONG AND WATERPROOF (D4 STANDARD)

BUILDING ASSEMBLY ADHESIVE BASED ON POLYURETHANE.



PRODUCT DESCRIPTION

Thixotropic, strong and waterproof (D4 standard) building assembly adhesive based on polyurethane. Professional quality, conforms to standard NEN EN 204 D4.

FIELD OF APPLICATION

for waterproof and strong joining of building constructions and connections which must meet stringent requirements. Suitable for virtually all building materials, such as wood, (natural) stone (cellular) concrete, plaster, marble, rubber, metal, various synthetics and PU and PS rigid foam in, e.g., partition walls, panel and insulation material, roofing sheets and cover profiles, façade panelling, ducts, ladders, formica. Also for less-fitting joints (for example, unplanned wood) and uneven materials.

The gel (thixotropic) quality is ideal for vertical connections.

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

- (Sea)waterproof according to EN 204 D4 standard
- Super-strong
- Thixotropic – gel form
- Transparent
- Limited filling; slightly effervescent
- Good standing power; does not drip
- Solvent-free
- Temperature and all-weather resistant
- Can be used internally and externally
- Paintable
- Sandable

PREPARATION

Working conditions: The ambient temperature, the adhesive and the materials to be bonded should not be less than +5°C. Wood humidity must be between 10% and 18% (max. 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 thinner. Roughen non-porous materials. Moisten the side to which no adhesive has been applied with a damp cloth.

Tools: Sealant gun (e.g. Bostik Click Gun), Fine-toothed glue spreader (1 mm), brush or roller, clamp or press.

APPLICATION

Coverage: 5-6 m²/kg

Directions for use:

Before using open cartridge at the top by cutting off the plastic nipple above the thread with a sharp knife. Fix the nozzle onto the cartridge and cut at an angle. Apply adhesive thinly and evenly on one side. If necessary, spread further using a fine-toothed glue spreader (1 mm), brush or roller. Assemble joint within 30 minutes and clamp or press for at least 4 hours.

Pressure: 2-5 kg/cm²

Time to press (+20°C): 4 hours

Open time: 30 minutes

Stains/residue: Remove adhesive residue immediately with acetone. Dry adhesive residue can only be removed mechanically.

CURE TIMES*

Final bonding strength after: approx. 24 hours at 20°C

* 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: -20°C - +125°C

Chemicals resistance: Good

Paintability: Good

Filling capacity: Limited



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TECHNICAL SPECIFICATIONS

Chemical base: Polyurethane prepolymer

Colour: Transparent

Viscosity: approx. Thixotropic

Solid matter: approx. 100 %

Density: approx. 1.12 g/cm³

STORAGE CONDITIONS

At least 18 months after production. Limited shelf life after opening. Store dry in sealed packaging between +10°C and +20°C.