



Supratrac 569.0

Construction adhesive for strong bonds. Polyurethane based moisture curing single component adhesive with high resistance to water and temperature. Water resistant in accordance with DIN/EN 204, D 4 (factory test).

Fields of application

- Bonding of wood, concrete, insulating foam, polystyrene foam, metal, and other materials to porous surfaces and wood based materials

Advantages

- Single-component
- Thixotropic
- Ease of use
- Not pot life problems

Properties of the bond

- Certified D4 according to DIN/EN 204 (factory test)
- Good filling capability
- Forms skin within 10 minutes @ 23°C and 50% RH

Properties of the material

Base:	Polyurethane
Specific gravity at 20°C:	approx. 1.08 g/cm ³
Color:	transparent to yellowish-white
Viscosity:	
-Brookfield RVT, Sp. 7/5 rpm:	approx. 120.000 mPa s
-Brookfield RVT, Sp. 7/50 rpm:	approx. 35.000 mPa s
Consistency:	thixotropic
Open time:	approx. 5 minutes
Identification:	identification according to the German hazardous substances GefStoffV; contains 4,4'Diphenylmethane diisocyanate (see our safety data sheet)

Application techniques

Processing conditions

The surfaces to be bonded must be clean, grease free, and dry. Do not process under 5°C(41°F).

Method of application

Apply from cartridge in bead form. For large surfaces spread the glue with a toothed spatula.

Application quantity

Single sided application is sufficient for less porous materials, apply adhesive to the less porous side. For porous materials two sided application is recommended.

Open time

Open time at 20°C (68°F) is approx. 5 minutes. The open time will be shortened by increased temperatures, higher relative humidity, higher material moisture content, or the introduction of moisture to the glue line.

Hardening/Press time

Hardening is achieved in approximately an hour with wood and wood based materials. The adhesive hardens to a water and solvent resistant semi-hard glue film. Hardening occurs due to the reaction with water molecules obtained from the air and materials to be bonded. Reaction time can be accelerated with a higher temperatures or a fine water spray (approx. 20 g/m²).

Joining pressure

During hardening the bonded pieces should be pressed together with approximately 0.6 N/mm² pressure.

Final bond strength / Further processing of bonded materials

Wood and wood based materials can be further processed after 2 to 4 hours. Final bond strength is reached 7 days after bonding.

Cleaning

Clean tools and equipment immediately after use with KLEIBERIT Cleaner C 820, 823, or Acetone. Hardened material must be removed mechanically.

Packaging

KLEIBERIT Supratrac 569.0:

Carton with 12 cartridges, 310 ml each

KLEIBERIT Cleaner C 820:

Metal canister, 4.5 kg

KLEIBERIT Cleaner C 823:

Carton with 12 cans, 500 ml each



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Storage

KLEIBERIT Supratac 569.0 can be stored for approx. 12 months in factory sealed containers at a temperature of + 5 °C to + 25 °C. Open cartridges must be used as soon as possible.

EX0300, replaces previous data sheets

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.