

Supratac 569.0

Moisture curing one component PUR adhesives, with high water resistance D4 according to DIN EN 204 and high temperature resistance according to DIN EN 14257 (WATT91)

Fields of application

Bonding of wood and wood based materials, metal, insulating foam, polystyrene foam, concrete and other mineral materials to porous substrates.

Do not use on polyethylene, polypropylene, Teflon, silicone, grease, etc.

Advantages

- Thixotropic and stable
- Fills gaps
- Simple application
- Slightly foaming

Properties of the adhesive

Base: polyurethane
Curing: reaction with moisture

Color: transparent opaque
Consistency: pasty, thixotropic

Specific gravity at 20°C: approx. 1.05 g/cm³

Open time at 20 °C and 50 % relative air humidity:
 approx. 10 - 15 minutes

Identification: required according to EU regulations, contains Diphenylmethan-4,4'-diisocyanat (see our safety data sheet)

Intended for commercial use only!

Properties of the bond

Meets the requirements of DIN EN 204 for D4 water resistant bonds and DIN EN 14275/WATT 91 temperature resistant bonds.

Application preparation

The surfaces to be bonded must be firm, dry and free from dust and grease.

Processing temperature: from +5 °C
 Wood moisture: ideal at 8 - 12%

Due to the numerous materials and working conditions, trial bonds should be made prior to processing in order to ensure that the adhesive is suitable for the intended use.

Processing

- Apply with a hand, air-pressure or electrically powered pistol.
- Apply adhesive to one side and spread across the surface as necessary; with porous substrates apply on both sides
- The adhesive is moisture curing. Targeted moisture supply or higher temperatures accelerate the cross linking process. When bonding non-absorbent materials or materials with moisture <8% together, the applied adhesive must be misted with water to fully cure.
- The items being bonded must be fixed (pressed) together within the open time of 10-15 minutes

Pressing time is approx. 1 hour at 20 °C with pressure of approx. 0.6 N/mm²

Cleaning

Immediately clean squeezed out adhesive and tools with KLEIBERIT Cleaner 820.0 Toluene-free or PUR Cleaner 823.0.

Cured adhesive can only be removed mechanically.

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Packaging

KLEIBERIT Supratac 569.0:

carton with 12 cartridges at 310 ml/325 g each

KLEIBERIT Cleaner 820.0 Toluene-free:

carton with 12 bottles at 756 g each

metal canister, 4.5 kg net

KLEIBERIT PUR Cleaner 823.0:

carton with 12 cans at 500 ml/427 g

Additional packaging sizes available upon request.

Storage

KLEIBERIT Supratac 569.0 can be stored in factory sealed containers at +5°C to +25° C for approx. 12 months

Not to be stored where it will be exposed to frost.

Transport temperature up to 7 days at -20°C.

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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.