



Supracraft PUR 566

Permanently elastic, fast setting, one component adhesive and sealant compound based on polyurethane. Curing takes place due to reaction with humidity.

Fields of application

- Bonding of metal supports for double-layer floorings
- Bonding and sealing of metals, lacquered sheet metals, wood, plastics, natural stone, ceramics, clinker, brickwork, concrete etc.

Advantages

- Single-component system - no mixing
- Paintable with usual lacquer systems
- Non-corrosive
- Restraining effect on vibration
- Permanent elasticity
- Building material class B2 / DIN EN 4102, part 4

Properties of the product

| | |
|---|---|
| Base: | polyurethane |
| Specific gravity at 20°C: | 1.23 -1.27 g/cm ³ depending on the colour |
| Colors: | Supracraft 566.0 = grey Supracraft 566.5 = white |
| Stability: | good |
| Skinning time: | approx. 1 hour (depending on surrounding climate) |
| Hardness DIN 53505 (28 days/23°C/50% relative humidity): | approx. 40 Shore A |
| Tensile strength (DIN 53 504): | approx. 1.8 N/mm ² |
| Elongation at tear (DIN 53 504): | > 600% |
| Resistance to tear propagation: | > 6 N/mm ² |
| Memory effect (DIN EN ISO 7389): | > 70 % |
| Change in mass and volume (DIN EN ISO 10563): | approx. 15 % |
| Water vapour permeability (DIN 53122): | approx. 2,000 |
| Water vapour permeability equivalent for a sealant thickness of 10 mm: | approx. 20 m |
| Processing temperature: | +5°C to +35°C |

Temperature resistance in hardened state:

-40°C to +90°C
(for a short time up to 120°C)

Setting speed:

at 23°C/50% relative air humidity:
approx. 3 mm per 24 h
at 10°C/50% relative air humidity:
approx. 2 mm per 24 h

Identification:

required according to German regulation GefStoff, contains Isocyanates
(see our safety data sheet)

Chemical resistance

long-term: water, salt-water, lime water, public waste water, aqueous cleaners, diluted acids and lye's

short-term: petrol, nitro-thinner, spirit, mineral oil

not resistant or only for short-term:

solvents and organic acids, alkalis and mineral acids in concentrated form, alcohol, diluting agents for lacquers

This information is without obligation and only intended to give basic parameters regarding the range of use of Supracraft PUR 566.

Application techniques

Application with hand pistol or air pressure pistol.

Out of the hose bag:

Insert the hose bag in the gun and cut it below the clip. Close the gun and start pressing out.

Out of the aluminum cartridge:

Break the seamed top by means of screwdriver or the like, pierce the protecting membrane of the cartridge thread completely. Cut the plastic point diagonally to the desired size (of your joint) and screw it on the cartridge.



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Attention:

Once started, the cartridge or hose bag should be used up the same day, otherwise it sets.

The parts to be bonded must be free from dust and grease. It is recommended to clean the surfaces with KLEIBERIT Cleaner C 820 or Acetone. (Resistance of the substrates to such cleaners must of course be ensured)

Fumed wood, i.e. fumed oak, must be free from ammoniac. Timbers with a high content of oil or grease i.e. exotic timbers need to be tested for suitability.

When using Supracraft PUR 566 to bond floors it is necessary that the underground complies with the required norms regulations and guidelines. The underground must be ready i.e. dry, level, firm, free from dust, free from cracks and pull and push resistant.

Floors which could encounter rising damp must be sealed with a moisture resistant coating, such as KLEIBERIT 529.0, below the screed. The quantity required will depend on the consistency of the underground. Sanded screeds are not suitable and need to be hardened. Absorbing and sanded undergrounds could benefit from being sealed with KLEIBERIT Sealing Compound 697.0. The quantity required of KLEIBERIT 697.0 is approx. 200 g/m², depending of the absorption properties of the underground.

Apply KLEIBERIT Supracraft PUR 566 to one side, if necessary slightly spread it with a wooden spatula within the skinning time, join the parts together and maybe fix them.

Cleaning

The compound flown out during pressing can be removed using KLEIBERIT Cleaner C 820 or Acetone if not yet set. Cured compound can only be removed mechanically.

Packaging

KLEIBERIT Supracraft PUR 566:

carton with 12 cartridges of 300 ml/380 g each

carton with 20 flexible tubes of 600 ml/732 g each

KLEIBERIT Cleaner C 820:

carton with 12 metal bottles of 900 ml each

Storage

KLEIBERIT Supracraft 566.0 can be stored for at least 12 months in factory sealed containers. Store in a cool and dry place, not above +25°C.

EX0709; replaces previous versions

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.