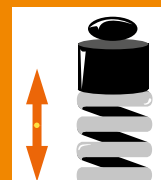


Permanently elastic and universal...

KLEIBERIT 566 Supracraft



PRODUCT INFORMATION



KLEIBERIT 566 is a permanently elastic, construction adhesive based on polyurethane. Curing takes place due to reaction with humidity.

- Single-component system - no mixing
- Paintable with usual lacquer systems
- Non-corrosive
- Restraining effect on vibration
- Permanent elasticity
- Fire resistance (EN 13501) - class E
- Emission class A+ according to French VOC regulations



Bonding in ship building

KLEIBERIT 566 complies with IMO FTPC Part 5 & Part 2. Certified application quantity: 120 g/m²

KLEBCHEMIE

M. G. Becker GmbH & Co. KG
Max-Becker-Str. 4
76356 Weingarten/Germany
Phone: +49 7244 62-0
Fax: +49 7244 700-0
www.kleiberit.com

KLEIBERIT 566 is a permanently elastic, construction adhesive based on polyurethane. Curing takes place due to reaction with humidity.

FIELDS OF APPLICATION

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

PREPARATION

The parts to be bonded must be free from dust and grease. 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.



APPLICATION TECHNIQUES

Application with hand pistol or air pressure pistol. Bring the cartridge or hose bag to room temp. (15-25 °C) before processing.

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 aluminium cartridge:

- Break the sealed 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.

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



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

IDENTIFICATION

Identification is required according to EU regulations, contains isocyanates. **Please observe our safety data sheet 566.0.**
For professional users only.

TECHNICAL PROPERTIES

- **Base:** polyurethane
- **Density at 20 °C:**
 - black: $1.15 \pm 0.02 \text{ g/cm}^3$
 - other colours: $1.16 \pm 0.02 \text{ g/cm}^3$
- **Colours:**
 - 566.0 = grey
 - 566.4 = black
 - 566.5 = white
- **Consistency:** pasty
- **Skinning time:** approx. 1h (depending on surrounding climate)
- **Hardness (EN ISO 868):** approx. 45 Shore A (28 days, 23 °C, 50% relative humidity)
- **Tensile strength (DIN 53 504):** approx. 1.8 N/mm²
- **Elongation at tear (DIN 53 504):** > 600 %
- **Resistance to tear propagation:** > 6 N/mm
- **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
- **Processing temperature:**
 - recommended: +15 °C to +25 °C
 - possible: +10 °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

CLEANING

The compound flown out during pressing can be removed using **KLEIBERIT 820.0** or Acetone if not yet set. Cured compound can only be removed mechanically.

STORAGE

KLEIBERIT 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. Bring to room temp. (15-25 °C) before use.

PACKAGING

KLEIBERIT 566:

carton with 12 cartridges of 300 ml/355 g each
carton with 20 flexible tubes of 600 ml/700 g each

Cleaner KLEIBERIT 820.0:

metal canister 4.5 kg net
carton with 12 metal bottles of 800g each
metal can 22 kg net

Stand 03/2022; replaces previous versions

TECHNICAL DATA

KLEIBERIT 566



SERVICE

Our applications department may be consulted at any time without obligation. The statements herein are based on our experiences 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 application.

No liability exceeding the value of our products can be derived from these statements. This also applies to the technical consultancy service, which is rendered free of charge and without obligation.