

KLEIBERIT 584.0

1C STP Adhesive

Permanently elastic, fast setting adhesive and sealant for interior and exterior use. Humidity curing 1 component system based on silane-terminated polymers (STP)

Fields of application

- Elastic bonding of different materials such as wood, glass, a variety of metals, mineral substrates and most plastics
- Suitable for in and outdoors

Advantages

- UV and weather resistant
- Permanently elastic
- Paintable
(due to the number of paints and coating systems on the market, pre-testing is recommended)
- Processing from +5°C to +30°C

Properties of KLEIBERIT 584.0

| | |
|---|---|
| Base: | STP |
| Cross-linking system: | cure under influence of humidity |
| Density: | approx 1.46 ± 0,03 g/cm ³ |
| Consistency: | pasty |
| Skimming time: (20 °C/50 % rLF): | approx. 25 ± 10 minutes |
| Setting speed (20°C/50%RH): | approx. 2 mm/day |
| Colour: | white |
| Identification: | not required according to EU regulations (see our safety data sheet) |

Mechanical Properties

Hardness: approx. 50 Shore A

**Tensile strength
(DIN EN ISO 527-3):** approx. 2.5 N/mm²

**Elongation at tear
(DIN EN ISO 527-3):** approx. 200%

Application: bead form, point or surface

Application techniques

The parts to be bonded must be solid, free from dust and grease, and dry. Substrates like metal to be pre-grinded for better adhesion

Out of the aluminium cartridge:

Cut the end of the threaded nipple, screw on the nozzle and cut at an angle to the desired size. Place the cartridge in the pistol. Application with hand, compressed air or electric motor pistol.

Adhesion and compatibility of KLEIBERIT 584.0 has to be checked by the user with pre-testing on their own substrates and under the individual conditions.

The substrates must be joined within the skin forming time.

According to the application it is necessary to fasten the substrates after assembly for 24 hours, depending on temperature and humidity. Painting of the substrates only after fully cured.

Avoid 3-sided adhesion on moving joints. Use suitable backfill material, e.g. PE-round cord. Tool KLEIBERIT 584.0 smooth immediately after application in the joint. Ensure good adhesion to the edges of the joint during smoothing. Immediately wipe away excess material.

Use open cartridges on the same day, otherwise it can set.

Application restrictions:

Not suitable for XPS, EPS, coloured metals, natural stone

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Cleaning

Clean working tools immediately after use. Cured sealant can only be removed mechanically.

Packaging

KLEIBERIT 584.0

Carton with 12 PE cartridges containing 300 ml
(approx. 430 g) each

Carton with 20 sausages containing 600 ml
(approx. 860 g) each

Storage

KLEIBERIT 584.0 can be stored for approx.
12 months in a cool and dry place.

Version 19/10/2020 ga, replaces previous versions

Adhesive and Waste Disposal

Waste Code 080410

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.