

KLEIBERIT 600.0

1C STP Adhesive

Crystal clear, universal adhesive and sealant for interior and exterior use. Neutral curing 1 component system based on silane-terminated polymers (STP)

Fields of application

- Transparent joint, optically invisible bonding and sealing
- Elastic bonding of different materials such as wood, glass, a variety of metals, mineral substrates and most plastics
- Wide range of applications for construction, expansion and installation

Advantages

- Transparent
- good initial strength
- 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 600.0

Base:	STP
Cross-linking system:	curing under influence of moisture
Density:	1.01 ± 0.03 g/cm ³
Consistency:	pasty
Skinning time: (20°C/50%RH):	25 ± 10 minutes
Setting speed (20°C/50%RH):	2 mm/day
Colour:	transparent, crystal
Identification:	see our safety data sheet

Mechanical Properties

Hardness: approx. 40 Shore A

**Tensile strength
(DIN EN ISO 527-3):** approx 1.5 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.

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 600.0 must be checked by the user with pre-testing on their own substrates and under the individual conditions.

The Substrates must be joined within the indicated skinning time.

According to the application it is necessary to set the substrates for 24 hours after assembly (depending on temperature and humidity).

Application of additional coating only after complete curing.

Avoid 3-sided adhesion on joints. Use suitable backfill material, e.g. PE-round cord.

Tool KLEIBERIT 600.0 smooth immediately after application in the joint. Ensure good adhesion to the edges of the joint during smoothing. Remove excess material.

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

Application restrictions:

For applications and processing natural stones tests must be carried out. **Not suitable for the use in underwater and permanent wet areas. Not suitable for EPS, XPS, coloured metals.**

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Cleaning

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

Packaging

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Carton with 12 PE cartridges à 290 ml / 290 g net each

Carton with 12 PE cartridges à 300 ml / 300 g net each

Carton with 20 sausage packs à 600 ml / 600g
Metal drum, 190 kg net

Storage

KLEIBERIT 600.0 can be stored for at least 12 months in a cool and dry place.

Version 18/04/2023 al, 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.