

KLEIBERIT 584.3

1C STP Adhesive

Fields of application

- Elastic and universal bonding, gluing and mounting of different materials such as skirting boards, decorative elements, air and cable ducts, wood and wooden materials, insulating boards, rigid foam, signs and ceramic tiles
- Suitable for in and outdoors
- Bonding and sealing in truck manufacturing (carbon fibre reinforced plastics, aluminium)

Advantages

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

Properties of KLEIBERIT 584.3

Base:	STP
Cross-linking system:	cure under influence of humidity
Specific gravity:	1.4 ± 0,03 g/cm ³
Consistency:	pasty
Skinning time: (20 °C/50 % rLF):	approx. 25 ± 10 minutes
Setting speed (20°C/50%RH):	approx. 2 mm/24 hours
Colour:	white
Identification:	required according to EU regulations (see our safety data sheet)

Mechanical Properties

Hardness:	approx. 68 Shore A
Tensile strength (DIN EN ISO 527-3):	approx. 3 N/mm ²
Elongation at tear (DIN EN ISO 527-3):	approx. 400%
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-treated with cleaner KLEIBERIT 830.0 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 584.3 should 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. Immediately wipe away excess material.

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

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Cleaning

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

Packaging

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Carton with 12 aluminium cartridges at 300 ml (approx. 400 g) each

Carton with 20 sausages at 600 ml (approx. 800 g) each

Storage

KLEIBERIT 584.3 can be stored for approx. 12 months in a cool and dry place.

Version 26/10/2018 XI

Disposal of containers and contents

Waste disposal key **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.